UNIVERSITY OF MASSACHUSETTS BOSTON

Division of Corporate, Continuing, & Distance Education

fall 2007

- over 300 courses
- convenient times and locations
- online courses & programs
- certificate & degree programs
- corporate & professional training
- English language study

617.287.7900
ccde.umb.edu

UMASS BOSTON

CCDE Fall 2007 Academic Calendar

(Note: this calendar applies only to credit courses as listed on pages 14-40 of this bulletin.)

Registration Deadlines

Registration begins	Jul 30 (M)
Early registration deadline	Sept 4 (Tu)
Late registration begins**	Sept 5 (W)
Financial aid elibility deadline	Sept 11 (Tu)
Add/Drop deadline	Sept 29 (S)
Pass/Fail deadline	Nov 8 (Th)
Withdrawal deadline	Nov 8 (Th)

**A $25 late fee will be assessed for all registrations conducted on or after this date.

Refund Schedule***

Deadline for 100% refund	Sept 22 (S)
Deadline for 50% refund	Sept 29 (S)

***For information on refund policy and procedures, see page 5 of this bulletin. NO REFUNDS WILL BE GIVEN AFTER THE 50% REFUND DEADLINE DATE.

Registration Hours

Monday-Thursday	8:30am-6:00pm
Friday	10:00am-4:00pm
Extended Hours	
Friday, Sept 14	10:00am-6:30pm
Saturday, Sept 15, 22, 29	8:00am-4:00pm

Registration Phone Numbers

For Information: 617.287.7914

To Register By Phone: 617.287.7916

Start/End Dates

UMass Boston Campus Friday/Saturday Courses

Classes begin	Sept 14 (F); Sept 15 (S)
Classes end	Dec 7 (F); Dec 8 (S)
Makeup/Snow day	Dec 14 (F); Dec 15 (S)

Braintree Courses

Classes begin	Week of Sept 10
Classes end	Week of Dec 3
Makeup/Snow day	Week of Dec 10

Copley Courses

Classes begin	Week of Sept 10
Classes end	Week of Dec 3
Makeup/Snow day	Week of Dec 10

Technical Education Courses

Classes begin	Week of Sept 10
Classes end	Week of Dec 10
Makeup/Snow day	Week of Dec 17

Online Courses

Classes begin	Week of Sept 10
Classes end	Week of Dec 3

Note: If a course has start/end dates that differ from those listed above, they are noted along with the descriptions and schedule information on pages 14-40.

Final exams are held on last day of class unless otherwise indicated by the instructor.

Holidays & Vacations

Labor Day	Sept 3 (M)
Columbus Day	Oct 8 (M)
Veterans Day	Nov 11 (Su) Holiday
Veterans Day Observed	Nov 12 (M)
Thanksgiving Recess	Nov 22-24 (Th-S)

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Fall 2007 Volume 28, Number 1

The University of Massachusetts Boston Bulletin (USPS 566-090) is published quarterly by the University of Massachusetts Boston, 100 Morrissey Blvd., Boston, Massachusetts 02125-3393.

Periodicals Postage Paid at Boston, MA 02205

Postmaster: Send address changes to: The University of Massachusetts Boston, 100 Morrissey Blvd., Boston, Massachusetts 02125-3393.

https://archive.org/details/universityofmas2007univ_3

All information in this publication is subject to change. For most current information, visit ccde.umb.edu

To request an alternate-format version of this bulletin, please call 617.287.7911 (for general inquiries, please use 617.287.7900).

Corporate, Continuing and Distance Education Office

The Division of Corporate, Continuing and Distance Education office (Wheatley Hall, 2nd floor, room 203) is open throughout the year to distribute information and resolve problems. Regular weekday hours are: Monday through Thursday, 8:30am-6:00pm; Friday, 10:00am-4:00pm. Special hours for Fall 2007 are as follows: Friday, Sept. 14, 10:00am-6:30pm; Saturday, Sept. 15, 22, and 29, 8:00am-4:00pm. To contact CCDE, call 617.287.7900 or Email to ccde@umb.edu.

Contact Information

There are many people in the Division who can help you with questions about our programs, policies, and procedures. Here are some names and numbers to remember:

GENERAL INFORMATION

Reca Quarles
617.287.7900 ccde@umb.edu

REGISTRATION

Registration Info Line
617.287.7914
(for information only; to register by phone, call 617.287.7916)

Registration Fax Line
617.287.7902

ACADEMIC ADVISING

Ed Zaleskas
617.287.7900 edward.zaleskas@umb.edu

DEGREE AND CERTIFICATE PROGRAM INFORMATION

If you have questions about CCDE degrees and certificates, please refer to the contact information listed with the program descriptions on pages 43-49.

DISTANCE LEARNING

Kitty Galaitsis
617.287.7918 katharine.galaitsis@umb.edu

INTERNATIONAL PROGRAMS

Susan Griffin
617.287.7278 susan.griffin@umb.edu

FIELD STUDY & PROGRAMS ON NANTUCKET

Elaine Sullivan
617.287.7915 elaine.sullivan@umb.edu

ENGLISH LANGUAGE STUDY

Cindy Jimenez
617.287.7876 cindy.jimenez@umb.edu

CORPORATE/PROFESSIONAL TRAINING

Cindy Jimenez
617.287.7876 cindy.jimenez@umb.edu

Website

Find us online at ccde.umb.edu

Visit ccde.umb.edu and sign up for our eList – our email notification program. You will be the first to know about new programs, courses, and events.

On our site, you will also find:
- up-to-the-minute information on all courses
- extensive information about our degree & certificate programs
- more comprehensive information about our online courses, such as instructor bios
- flexible search engine capabiliteis including Google Search and our A-Z guide.
- downloadable forms for registration, add-drop, etc.

We encourage you to visit the site regularly.

Directions to UMass Boston

The University is only three miles from downtown Boston and is easily accessible by public or private transportation.

From the north or west: Take the Southeast Expressway to exit 15. Turn left onto Columbia Road. Enter the rotary and take the first right (Morrissey Boulevard). Bear right of the traffic island, following the UMass Boston sign. Proceed past the Boston Globe building. Turn left into the campus.

From the south: Take the Southeast Expressway to exit 14 (near the Boston Gas tank). Follow Morrissey Boulevard northward to the campus.

Directions to our off-campus sites can be found on pages 11-12.

Parking

For information about parking at UMass Boston, visit www.umb.edu and click on "Arriving & Parking," or contact the Parking Office at 617.287.5040.

Public Transportation

Free and frequent shuttlebus service is provided between the University and JFK/UMass Station on the MBTA Red Line. Buses following MBTA Routes 8 and 16 also stop at the University. MBTA Bus #41 stops at the JFK/UMass Boston train station, where students can then board the shuttle bus. For more information, call 617.287.5040.

Registration Information Line

If you have any questions about our registration process, please call 617.287.7914.

When to Register

Students can register for fall courses starting July 30. It is advisable to register as early as possible; early registration is the best way for students to assure themselves places in the courses of their choice.

Early registration for fall courses is possible until September 4. Late registration will take place during the periods indicated in the Academic Calendar (inside front cover). Late registrations submitted between the first class meeting and the add/drop deadline (see Academic Calendar) require permission of the instructor. Students registering late must pay a $25 fee.

How to Register

RETURNING STUDENTS

If you are a matriculated UMass Boston student or have taken UMass Boston courses before, please use the WISER online self-service registration system:

wiser.umb.edu

NEW STUDENTS

If you are taking a UMass Boston course for the first time, you can use any of the following methods to register:

Online Registration

To register online as a new student, use our shopping cart system. For details, go to

ccde.umb.edu/moreinfo/registration/how/

Telephone Registration

To register by telephone, call 617.287.7916 during the following hours: Monday through Thursday 8:30am-6:00pm and Friday 10:00am-4:00pm. Please fill out the registration form on page 60. Be ready to refer to it before calling.

Mail or Fax Registration

To register by mail or fax, fill out the registration form on page 60. Send it to the address indicated on the form or fax it to 617.287.7902. Mail registrations must be postmarked by September 4. Registrations postmarked after that date will be assessed a $25 late fee.

Walk-In Registration

Walk-in registration takes place at the CCDE Registration Center (Wheatley Hall, second floor, room 203). Office hours are Monday through Thursday, 8:30am-6:00pm and Friday, 10:00am-4:00pm, with additional extended hours as follows: Friday, Sept. 14, 10:00am-6:30pm; Saturday, Sept. 15, 22, and 29, 8:00am-4:00pm.

Note: All registrations are accepted on the basis of available space.

Adding and Dropping Courses

Students may add or drop courses before the add/drop deadline (see Academic Calendar) online via WISER, by phone, or in person within the registration deadlines. To add or drop a course by telephone, call 617.287.7916 during the hours indicated above under "Telephone Registration." To add or drop a course in person, by mail or by fax, use a Change of Registration Form (available from the CCDE Registration Center, Wheatley Hall, second floor, room 203). If a student wishes to register for or add a course after the first class meeting, the appropriate form (Registration Form/Change of Registration Form) must be signed by the instructor(s) of the course(s) added, and returned to the Registration Center before the add/drop deadline (no signature is required when a course is being dropped). To add an online course after the first day of classes, please visit our website for instructor contact information.

Cancellations

The Division reserves the right to cancel underenrolled courses. A student who has registered for a course that is canceled is eligible for a refund (for refund policy, see page 5). If all courses for which the student has registered are canceled, service fees will also be refunded.

Course Fees

Course fees are included with course descriptions. These fees are typically calculated on a per-credit basis, as follows:

Undergraduate	$229 per credit
Graduate	$320 per credit

In some cases, a course fee may be calculated differently because of special costs or a subsidy. In these cases, the fee is described as a special course fee.

Lab Fees

Lab fees must be paid for certain courses, as indicated in the schedule listings. The amounts of fees appear under course descriptions.

Service Fees

All service fees are mandatory except where otherwise noted. Service fees need only be paid once each semester.

Registration Fee (non-refundable*)	$30
Educational Service Fee	$20
Facilities Operations Fee (Note: this fee is not paid by students taking only online courses.)	$50
Records Fee (for non-matriculated students)	$6
Late Registration Fee (when applicable—see Academic Calendar, inside front cover) (non-refundable*)	$25
Returned Check Fee (when applicable)	$25

**Unless a course has been canceled by the University, the $30 Registration Fee and the $25 Late Registration Fee are not refundable.*

Combined New Student Fee

This one-time mandatory fee of $345 is paid by students entering a UMass Boston degree or certificate program (see page 42).

Payments

Students may use the following methods to make payment:

CHECK

Please make checks payable to "UMass Boston."

Payment of course and service fees with a check that is subsequently returned by our bank will result in an additional returned check fee of $25, and may also result in administrative withdrawal and referral to a collection agency, which may result in liability for the payment of a collection fee.

E-CHECK

Tuition and fees can be paid online by E-Check, or Automated Clearing House (ACH), from your checking or savings account. This type of payment results in an electronic debit of your bank account. ACH payments are not subject to a convenience fee. Bank information like routing number, account number, student ID number, and email address are required to complete an ACH payment.

CREDIT CARD

UMass Boston no longer accepts direct credit card payments for course and service fees. If you wish to pay with a credit card, you may do so through SallieMae®. MasterCard, Discover, or American Express cards can be used (Visa cards are not accepted). A service fee (2.50% at the time of this publication) will be charged by SallieMae® on each credit card transaction. Instructions and links for this payment method can be found at wiser.umb.edu.

CASH

Cash payments are made only at the Bursar's Office (Campus Center, 4th floor; M-Th, 8:00am-4:30pm, F 8:00am-4:00pm). After you have enrolled, you may make a cash payment at the Bursar's Office, where you will be given a receipt.

PAYMENT BY OUTSIDE AGENCIES

If the student's charges are to be paid by an outside agency, a payment authorization from that agency must accompany his or her registration. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them.

Refund Policy

CREDIT COURSES

A student who drops a *credit course* will be granted a refund according to the dates listed in the Academic Calendar (inside front cover). Non-attendance does not constitute dropping a course. Students dropping a course may either file a Change of Registration/Refund Request Form at the CCDE Registration Center (Wheatley Hall, second floor, room 203) or drop the course online at wiser.umb.edu.

Note: *International and field study programs* have a different refund policy. For details, call 617.287.7913.

NON-CREDIT PROGRAMS

Refunds will be granted to registered students who withdraw from non-credit programs (pages 51-53 and TOEFL on page 55) on the following basis:

Withdrawn on or before second class meeting date:	100% refund
Withdrawn on or before third class meeting date:	50% refund

No refunds will be granted after the third class meeting date.

In the case of programs that have 5 or fewer class meetings, a 100% refund will be granted for withdrawal before the first class meeting. There will be no refunds after the first class meeting.

Note: This policy does not apply to the Alcoholism/Chemical Dependency Treatment Services Program; see program description (page 50) for more information.

REFUND PROCEDURE

Whenever a refund is due, either because the student wishing the refund has dropped a course or because the University has canceled a course, the student should initiate the refund procedure by notifying the CCDE Registration Center either in person, by fax, mail, or telephone. The amount of a refund is computed on the basis of the date the refund request is received by the CCDE Registration Center (if the request is mailed, the refund is computed from the postmark date).

If a student has made a payment by credit card through SallieMae®, the refund will be returned as a credit to the cardholder's account. Unless a course has been canceled by the University, the $30 registration fee and the $25 late fee are not refundable. Lab fees are not refundable after the first lab meeting.

CCDE no longer mails refund checks to students. The Bursar's office sends an email to the student's UMB account, informing them that their check is available for pickup. Students have the option of requesting that their check be mailed; this request must be made in writing to the Bursar.

Note: If your University account has a balance, your refund will be applied to this balance until it is paid in full.

Course Fee Waiver Policy

The Division of Corporate, Continuing and Distance Education will accept course fee waivers for those persons meeting the eligibility requirements described below, providing the courses they wish to take are adequately supported by fees from paying students, and providing space is available.

Course fee waiver policies apply only at the standard rate of $229 per undergraduate credit and $320 per graduate credit. Thus, in the case of a course with extraordinary costs necessitating a higher than standard course fee, course fee waivers will be granted for only the amount of the standard course fee.

Registration fees, service fees, lab fees, and other mandatory fees must be paid in full.

Original course fee waivers must be submitted directly to Bursar's Office.

Qualified veterans are eligible for course fee waivers under the following conditions:

1 They must be matriculated in a UMass Boston degree program.
2 The course for which the waiver is being used must be a credit-bearing course.
3 To determine eligibility, veterans must present DD 214 (military discharge) to the UMass Boston Veterans Affairs Office located on the 4th floor of the Campus Center (tel. 617.287.5875).

Full-time state employees are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration.

Full-time employees of public higher education, their spouses, and their dependent children are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration. This benefit also applies to full-time employees of Essex Agricultural and Technical High School.

This benefit is provided only to individual state employees and other eligible persons as noted above. In the case of a state department or agency cosponsoring education for its employees, the department is directly responsible to UMass Boston for the full cost of the program.

The Division of Corporate, Continuing and Distance Education cannot honor vouchers issued to cooperating practitioners by the state-funded programs of the University of Massachusetts at Amherst, Boston, Dartmouth, Lowell, or Worcester.

Waivers may not be used for Music 185 (Private Music Lessons; see page 24) and other special courses.

Please Note: Due to changes in University policy, the Division of Corporate, Continuing and Distance Education no longer grants waivers to senior citizens.

Eligibility for Enrollment

UNDERGRADUATE COURSES

UMass Boston undergraduate credit courses are open to: 1) students who may be considering matriculation into a degree program at UMass Boston or elsewhere; 2) students matriculated at other institutions who will use UMass Boston credits to meet degree requirements at their home institutions; and 3) matriculated UMass Boston students. Anyone who has graduated from high school or who has earned a high school equivalency certificate is invited to begin or continue taking courses at UMass Boston. Please see the regulations below governing academic retention standards for matriculated and non-matriculated students.

Before registering for undergraduate courses, you should know that the University assumes that students registering for these courses will accurately assess their ability to do college-level work.

SPECIFIC CLA/CSM REQUIREMENTS

The College of Liberal Arts (CLA) and College of Science and Mathematics (CSM) recently revised the General Education portions of their graduation requirements. For complete information on these changes, we recommend that you consult the UMass Boston Fall 2007 Schedule of Courses. Information on CLA/CSM requirements is also available at www.umb.edu/academics/undergraduate/office/gened/gened.html.

Many courses described in this publication fulfill CLA and CSM *distribution requirements*, as indicated by a note following the course description that refers to the "Distribution Area"to which the course belongs. Although they are open to non-matriculated students, all of these courses meet specific requirements for CLA and CSM matriculated students. To be sure of taking distribution courses that will meet their degree requirements, all CLA and CSM matriculated students should, before registering, pick up advising materials concerning distribution requirements from the University Advising Center (Campus Center, 1st floor, room 1100; 617.287.5500).

Please note that distribution requirements for students who have matriculated in or after fall 2002 are different than for those who matriculated earlier. The older and newer requirements are referred to in course listings as "Distribution I" and "Distribution II," respectively. For more information, see the University's Fall 2007 Schedule of Courses booklet.

Courses whose numbers are followed by "G" are First-Year or Intermediate Seminars that count towards the *critical analysis requirement* of the CLA/CSM General Education curriculum.

Materials concerning the CLA/CSM *writing proficiency requirement* are available from the Core Curriculum Office (CC-2-2100; 617.287.6330).

Courses that meet the CLA/CSM *diversity requirement* are identified in a note following the course description.

GRADUATE COURSES

Before registering for graduate courses, you should know that students who have not formally been admitted into UMass Boston graduate programs may enroll in graduate courses offered through CCDE, providing they hold a bachelor's degree and meet course prerequisites. Up to six credits earned in courses taken before admission to a graduate degree or certificate program may be counted toward the requirements for that program, with the permission of the program director; however, completion of these courses does not imply admission to the program. Some courses require permission from the appropriate graduate program director(s); this is indicated in the individual course listings. If you need permission to enroll, you can learn what procedure to follow by calling the appropriate program office at one of the numbers listed below.

Applied Linguistics	617.287.5760
Applied Sociology	617.287.6252
Business Administration	617.287.7720
Computer Science	617.287.6440
Counseling	617.287.7617 or 7600
Critical and Creative Thinking	617.287.6520
Dispute Resolution	617.287.7421
Instructional Design	617.287.5980 or 7600
Public Affairs	617.287.5543
School Psychology	617.287.7602 or 7600
Special Education	617.287.7620 or 7600
Teacher Education	617.287.7625 or 7600

Prerequisites and Permission

It is the responsibility of students to meet course prerequisites. If you have any questions about whether you have met a prerequisite, you should contact the appropriate academic department or program.

Certain courses, as their descriptions indicate, cannot be taken without special permission. If you need such permission, you can learn what procedure to follow by calling the CCDE Registration Information line at 617.287.7914. Be sure that the appropriate initials appear in the "Faculty Initials" column on your registration form.

Diagnostic Testing

Diagnostic tests for English and mathematics courses are held in the Testing Center (University Advising Center, Campus Center, Upper Level, room 133). The diagnostic test in English is required only for non-native speakers. Each test takes approximately one hour to complete and results are available immediately after the exam. A photo ID is necessary to take the exam.

Tests are on a walk-in basis, during posted dates and times. There is no fee for testing. Calculators, books or notes are not allowed. We do not have practice exams; however, sample questions can be found at www.uac.umb.edu. For further information, please call 617.287.5522.

For Testing Center Services information and current test schedules, visit www.uac.umb.edu/testing.html.

Auditing

The auditing of certain courses is allowed for graduate students only and requires permission of the instructor; permission is granted on a space-available basis. Instructor approval may be obtained only during the first class session. A completed audit application must accompany a student's registration form; in such cases, the late registration fee will be waived. Students may not change their registration from credit to audit or from audit to credit. The auditing fee is the same as the course fee. Inquiries concerning the auditing of courses should be directed to the Division of Corporate, Continuing, and Distance Education Office, 617.287.7914.

Pass/Fail Option

Many courses may be taken on a pass/fail basis. It is the student's responsibility to decide whether doing so is appropriate for a particular course. When the student earns a Pass (P) grade, units for the course count as graduation units, but the grade has no bearing on the student's cumulative average. A Fail (F) grade affects the student's cumulative average as a regular "F" would.

The pass/fail option is limited to one course per semester and one course per summer. UMass Boston students may use the pass/fail option for a maximum of eight courses during their undergraduate careers. Graduate students may not take courses on a pass/fail basis. A course exceeding five units cannot be taken pass/fail.

A student wishing to take a course on a pass/fail basis must fill out a pass/fail form by the deadline for that session (see Academic Calendar, inside front cover) or use the University's WISER student self-service system (details on using the system will be provided to all newly registered students). Pass/fail forms are available at the CCDE Registration Center (Wheatley Hall, second floor, room 203). Students are advised to retain their copy of the pass/fail form.

Any student submitting two pass/fail forms in one semester will not be allowed to take either course on a pass/fail basis. A pass/fail form, once submitted, cannot be withdrawn after the pass/fail deadline (see Academic Calendar, inside front cover).

Before exercising the pass/fail option, students from other institutions should consult an advisor or check their institutional or departmental requirements concerning transfer credit.

Withdrawing from Courses

Any student withdrawing from a course after the add/drop deadline will receive a grade of "W" for that course. Withdrawal forms are available at the CCDE Registration Center at the UMass Boston campus (Wheatley Hall, second floor, room 203); students may also withdraw from a course using the WISER student self-service system (wiser.umb.edu). A student withdrawing from a course does not receive a refund. Failure to submit a withdrawal form before 4:00pm on the day of the withdrawal period deadline (see Academic Calendar, inside front cover) will result in a grade of "F". Non-attendance does not constitute withdrawal.

Academic Standing

Students must maintain a required 2.00 cumulative average.

Academic Warning. A student whose semester average falls below 2.00 but whose cumulative average still meets the required minimum receives a warning posted in an obvious place on the online degree audit system to put the student on notice.

Academic Probation. At the end of the first semester in which a student does not meet the required minimum cumulative average of 2.0, he or she is placed on probation. A letter is sent informing the student of his or her probationary status and strongly urging consultation with the student's advisor to review the forthcoming semester's program. While on academic probation, a student shall not be eligible to hold office in any recognized student organization, to represent the University in any sense, or to participate on any intercollegiate athletic team.

Academic Suspension. The student who does not meet the required minimum cumulative average for the second consecutive semester is suspended for one semester. The student must apply for readmission through the appropriate authority. The readmitting body may set conditions on the student's schedule, and shall set standards for retention. A student who has received a semester average of at least 2.0 for the semester immediately preceding suspension may appeal for an additional probationary period. The appeal authority may set conditions for granting the appeal. If the student does not meet the conditions, suspension will automatically follow.

Academic Dismissal. A student who, subsequent to suspension and readmission, does not meet the retention standards set by the readmitting body shall be dismissed. A student who has been dismissed may appeal for readmission after one year.

A student who has been dismissed or suspended may not register for CCDE credit courses.

Transfer Credit

Students from institutions other than UMass Boston (including other institutions in the University of Massachusetts system) who wish to transfer credits earned in CCDE credit courses should contact their college or university concerning specific transfer requirements.

UMass Boston units are treated as transfer credits at UMass Amherst. Students must earn a grade of "C-" or better to transfer the course. Letter grades earned at UMass Boston will not be used in grade point average calculations and the credit will not be counted as residence credit.

Most institutions require a student to obtain authorization in advance for each CCDE credit course in which the student wishes to enroll for transfer credit.

Transcripts

Requests for official transcripts must be submitted in writing to the Office of the Registrar, University of Massachusetts, 100 Morrissey Blvd, Boston, MA 02125. Students may present their written requests in person at the One Stop, Upper Level Campus Center, by fax at 617.287.6242, by mail, or by using the WISER system (www.wiser.umb.edu).

ID Cards

ID cards may be obtained through the Student Life Office (Campus Center, 3rd floor) Monday through Thursday, 9:00am-7:00pm. Friday, 9:00am-5:00pm. The office will be open for extended hours during the first two weeks of the semester and on the first few Saturdays of the semester. Please call for these extended hours. Students must present a valid driver's license, passport, or other official form of photo identification when requesting ID cards. Those students who do not possess a valid form of photo identification can call the ID office at 617.287.7957 to get a list of acceptable alternate forms of identification. The charge is $10 for the first card (cash or money order; no personal checks) and $15 for a replacement card.

Note: Students taking off-campus and weekend courses receive a special ID card. This card permits the holder to use the facilities of the Healey Library, but it does not provide access to the University's athletic facilities, health services, or fee-supported student activities.

Public Safety

The UMass Boston Public Safety Department is charged with the responsibility of helping to provide a safe and secure environment in which faculty, students, and staff will be able to teach, learn, and work. The Department's Administrative Office and Communications Center are located on the Plaza Level of the Quinn Administration Building. The main number for the Public Safety Office is 617.287.7799. Routine service requests for police and security services can be made on 617.287.7799, 7.7780, and 7.7781. For all emergencies on campus, dial 911.

Emergency Cancellations of Classes

When classes and activities held at the UMass Boston campus are canceled because of snow or other emergencies, the University will announce cancellations beginning at 6:00am. The University main telephone line, 617.287.5000, will carry a taped announcement when the University is closed or opening late. The bulletin board at UMass Boston's web site (www.umb.edu) will contain weather announcements. Radio stations WUMB-FM (91.9), WBZ-AM (1030), and WRKO-AM (680), and television stations WBZ-TV (Channel 4), WCVB-TV (Channel 5), and WHDH-TV (Channel 7) will also carry cancellation announcements 6:00-7:00am, Monday through Saturday. Decisions about cancellations at off-campus sites are made by the local facility, not by the University. Students taking classes at off-campus sites should listen for radio announcements concerning the closing of those locations.

Bookstore

Books for all credit courses offered on or off campus may be purchased in the Campus Center, UL (Upper Level). The bookstore is open Monday through Thursday, 8:30am-6:30pm; Friday, 8:30am-4:30pm. Hours will be extended for the first three weeks of the semester. For more information, call 617.287.5090. Books may also be purchased online at www.efollett.com

Library

The Joseph P. Healey Library contains approximately 500,000 volumes and currently subscribes to more than 3,700 popular and scholarly periodicals. The library is centrally located on the UMass Boston campus plaza, easily accessible from the catwalk that connects all buildings on campus. The Healey Library's regular hours are as follows: Monday through Thursday, 8:00am-11:00pm; Friday, 8:00am-7:00pm; Saturday 9:00am-5:00pm; Sunday, 11:00am-7:00pm. These hours may vary during holidays, intersessions, and vacations; for current hours, please call 617.287.5903. For further library information, call 617.287.5902.

For information on access to library resources for online students, visit ccde.umb.edu/dl and click on "Frequently Asked Questions."

Academic Advising and Career Counseling

University Advising Center, Campus Center, 1st floor, 617.287.5500. Monday through Thursday, 8:30am-6:00pm, Friday, 8:30am-5:00pm (walk-in services available; please call for an updated schedule.)

Academic advising is also available during the day or evening, by appointment, at the CCDE office. For more information, call Ed Zaleskas at 617.287.7900 or email edward.zaleskas@umb.edu.

Cafeteria

Food service is available to Friday and Saturday students at the Atrium Cafe (UL, Campus Center) Friday 8:00am-6:00pm, Saturday 8:00am-2:00pm.

Ross Center for Disability Services

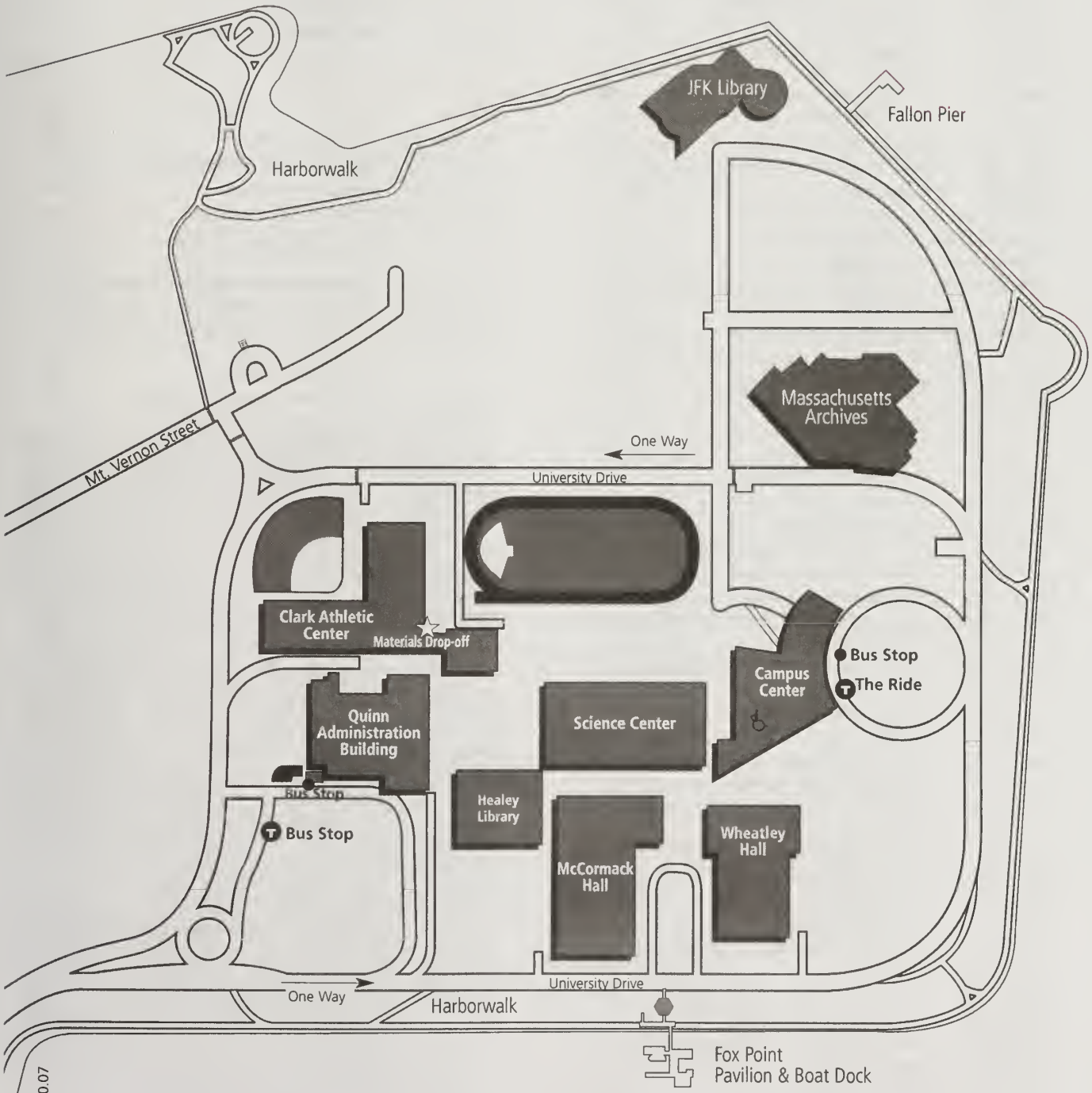
Campus Center, 2nd floor, 617.287.7430; Monday through Thursday 8:30am-5:00pm; Friday, 8:30am-5:00pm; other hours by arrangement. The Lillian Semper Ross Center for Disability Services provides a full range of support services including: note taking, reading on tape, interpreting for students who are deaf, administering exams with accommodation to disability, counseling, and more. All students with disabilities and the entire University community are welcome to visit and inquire about our many services and resources.

Veterans Services

Student Administrative Services Center, Campus Center, Upper Level, M-F 8:30am-5:00pm

Assistance is available to veterans in obtaining their educational benefits and resolving related problems.

UMass Boston Campus Map



Updated 5.30.07

UMass Boston Campus

100 Morrissey Boulevard

DIRECTIONS:

For directions to the UMass Boston campus, see page 2.

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AMST 101	Popular Culture in America	15
AMST 215	America on Film	15
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ANTH 271	Peoples and Cultures of the Middle East	16
ART 100	The Language of Art	16
ART 102	Renaissance to Modern Art	16
ART 281	Drawing I	16
BIOL 108	Introduction to Nutrition	17
COMSTU 105	Oral Communication	17
CRMJUS 262L	Criminology	18
CRMJUS 351L	Methods of Sociological Research	18
CRMJUS 363L	Corrections	18
CRMJUS 368L	Alcoholism: Etiology and Epidemiology	18
DANCE 232	Intermediate Ballet	19
EEOS 225	Weather and Climate	20
ENGL 101	Freshman English I	20
ENGL 102	Freshman English II	21
ENGL 206	Six American Authors	21
ENGL 324	Short Story	21
FRENCH 101	Elementary French I	22
HIST 111	Foundations of Western Civilization	22
HIST 114	Modern World History II	22
HIST 166	American History since 1877	22
HIST 339	Modern Irish History from 1800 to the Present	22
LING 151	Elementary American Sign Language I	23
MATH 115	College Algebra	24
MATH 125	Introductory Statistics	24
MATH 130	Precalculus	24
MATH 134	Managerial Algebra and Calculus	24
MUSIC 111	An Introduction to Music	24
MUSIC 185	Private Music Lessons	24
PHIL 100	Introduction to Philosophy	26
PHIL 108	Moral and Social Problems	26
PHIL 222	Moral Issues in Medicine	26
POLSCI 101	An Introduction to Politics and Political Science	27
POLSCI 202	Comparative Politics of Transitional Societies	27
POLSCI 365	The Politics of Communication	27
PSYCH 100	Introductory Psychology	28
PSYCH 201	Introduction to Behavioral Research	28
PSYCH 300	Personality	28
PSYCH 330	Social Psychology	28
PSYCH 339	The Psychology of Law	29
PSYCH 341	The Family and Child	29
RELSTY 109	Symbol, Myth, and Ritual: Cultural Studies in Religion	31
RELSTY 280	Religious and Multicultural Themes in Film	31
SOCIOL 261	Social Deviance and Control	29
SOCIOL 262L	Criminology	29
SOCIOL 316	Family Violence	30
SOCIOL 351L	Methods of Sociological Research	30
SOCIOL 363L	Corrections	30
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SPAN 105	Basic Spanish for Communication I	31
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BWPEDU 510	Writing in the Content Areas	35
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GERON GR 660	Organization and Financing of Aging Services	36
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INSDSG 602	The Adult as Learner	37
INSDSG 608	Information Design and Visual Literacy	37
INSDSG 620	Interpersonal Skills and Group Dynamics	37
INSDSG 630	Managing the Training Function	38
INSDSG 650	Assessment of Educational Technologies	38
INSDSG 690	Capstone Seminar	38
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INSDSG 698	Internship	38

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Professional Communication for Non-Native Speakers	55
TOEFL Test Preparation	55

GRADUATE TEST PREPARATION

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Review for Graduate Record Examination (GRE Prep)	53
Review for Graduate Management Admission Test (GMAT prep)	53
Review for Law School Admission Test (LSAT Prep)	53
Math Refresher Course	53

Andover

Greater Lawrence Regional Vocational High School
57 River Road

DIRECTIONS:
I-93 to Exit 45, left onto River Rd.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 218	Seminar for the Beginning Vocational Technical Teacher	32

Braintree

Braintree High School, 128 Town Road

DIRECTIONS:
Interstate 93 to Exit 6 (Route 37), merge onto Granite St., left on Town Road.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
BIOL 111	General Biology I	17
SOCIOL 101	Introduction to Sociology	29
SOCIOL 362	Juvenile Delinquency	30

Copley Square, Boston

Muriel S. Snowden International School, 150 Newbury Street

DIRECTIONS:
At corner of Newbury and Dartmouth Streets, Back Bay, Boston. MBTA: Take Green Line to Copley station, one block north on Dartmouth Street to Newbury Street.

UNDERGRADUATE CREDIT COURSES

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AF 201	Personal Finance	14
AF 210	Financial Accounting	14
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AMST 206	The Sixties	15
ANTH 262	Dreams and Dreaming	16
BIOL 108	Introduction to Nutrition	17
CLSICS 286	Greek and Roman Comedy	17
CRMJUS 321L	Race and Ethnic Relations	18
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ECON 101	Introduction to Microeconomics	19
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EEOS 101	The Global Environment	20
ENGL 101	Freshman English I	20
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ENGL 201	Five Major British Writers	21
ENGL 210	Introduction to Creative Writing	21
HIST 112	Modern Western Civilization	22
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PHIL 108	Moral and Social Problems	26
POLSCI 102	Government and Politics of the United States	27
PSYCH 100	Introductory Psychology	28
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PSYCH 342	Adolescence	29
PSYCH 415	Psychological Trauma: Individual and Society	29
RELSTY 104	Socrates, Jesus and Buddha	32
SOCIOL 101	Introduction to Sociology	29
SOCIOL 281	Society and the Individual	30
SOCIOL 321L	Race and Ethnic Relations	30
SOCIOL 461L	Internship in Law and Criminal Justice	30

GRADUATE TEST PREPARATION

	Review for Law School Admission Test (LSAT Prep)	53

Framingham

Joseph P. Keefe Technical School, 750 Winter St.

DIRECTIONS:

I-90 to Exit 13, left on Rt. 30, right on High St. (becomes Salem End Rd.), left on Winter st.

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Alcoholism/Chemical Dependency Treatment Services	50

Franklin

Tri-County Regional Vocational Technical High School
147 Pond St.

DIRECTIONS:

I-495 to Exit 11A, Rt. 140 S. to Exit 17, left on Old West Central St., becomes Pond St.

UNDERGRADUATE CREDIT COURSES

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OCC ED 220	Teaching Methods for the Vocational-Technical Educator: Instructional Strategies	32

Lexington

Minuteman Regional Technical High School
758 Marrett Road

DIRECTIONS:

95/128 to exit 30B/2A West (an access road). At 2nd light, left onto Minuteman campus.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
BIOL 101	Basis of Life	33

Online Courses

For information about UMass Boston's online courses and programs, see page 41.

Online courses are marked in the following pages with the symbol at left.

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AMST 210	American Dreams/American Realities: Men and Women in Society and Culture 1600–1860	15
ANTH 107	Introduction to Archaeology	16
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ANTH 280	Culture, Global Warming and Climate Change	16
BIOL 101	The Basis of Life	17
CLSICS 385	Greek and Roman Religion	17
COMSTU 100	Introduction to Communication	17
COMSTU 210	Using Internet Communication	17
COMSTU 300	Information Technology and Human Communication	18
CRW 283	Proficiency in Analytic Writing	19
EASIAN 363L	Modern Japan	19
ECON 101	Introduction to Microeconomics	19
ECON 102	Introduction to Macroeconomics	19
EHS 260	Physical Activity and Health	20
EHS 460	Advanced Topics I	20
ENGL 443	Language and Literacy	21
ENVSTY 101	The Nature of Environmental Problems	21
HIST 313	Nineteenth Century Europe	22
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LATIN 101	Fundamentals of Latin I	23
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MGT 130	Introduction to Business	23
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POLSCI 377B	Modern Iranian Politics	28
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SOCIOL 160	Social Problems	29
SOCIOL 367	Drugs and Society	30
SOCIOL 480	Understanding Illegal Immigration: International Perspective	31
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CRCRTH 601	Critical Thinking	34
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DISRES 62S	Conflict Resolution Systems for Organizations	35
EDC G 610	Computers, Technology, and Education	35
GERON GR 621	Social Aspects of Aging	36
GERON GR 650	Service Delivery Issues in Aging	36
GERON GR 670	Human Resources and Personnel Management in Aging Services	36
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NURSNG 615	Advanced Health Assessment	38
NURSNG 631	The Role of the Advanced Practice Nurse	39
NURSNG 634	Pharmacology for Advanced Practice Nurses	39
NURSNG 639	Primary Care of Adults	39
NURSNG 680	Primary Care of the Family Practicum II	39
PAF G 697	Understanding Public Policy	39
PRFDVL SV06	Web Design for Educators	40
SPAN S01	Theories, Methods, and Practices in the Teaching of Spanish as a Foreign Language	40
SPAN S20	A Linguistic Perspective on Variation in the Spanish Language	40

CORPORATE & PROFESSIONAL TRAINING *(see pages 50-52)*

Alcoholism/Chemical Dependency Treatment Services	S0
Design and Developing Content I	S1
User Assistance	S1
Practical Project Management	S1
Negotiating Skills for Project Managers	S1
Introduction to the Urban Landscape Using Boston as a Case Study	S2
How to Read Urban Open Space	S2
Plant Materials for the Urban Landscape	S2
Urban Landscape Design	S2

Plymouth

Cordage Commerce Center
36 Cordage Park Circle, Suite #201

DIRECTIONS:

Rte. 3 to Exit 9 (Kingston/N. Plymouth), left onto Main St. (Rte. 3A), Main St. becomes Court St., follow to Cordage Commerce Center.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
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OCC ED 222	Developing and Implementing Standards-Based Curriculum in Vocational-Technical Education	33

CORPORATE & PROFESSIONAL TRAINING

Alcoholism/Chemical Dependency Treatment Services	S0

Wakefield

Northeast Metropolitan Regional Vocational High School
100 Hemlock Road

DIRECTIONS:

Rte 1 north to Main St. (Melrose/Stoneham) exit, merge onto Main St., Main St. becomes Farm St., right onto Hemlock Rd.

UNDERGRADUATE CREDIT COURSES

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IF YOU HAVE QUESTIONS...

...about your eligibility to enroll in CCDE courses, or about College of Liberal Arts (CLA) and College of Science & Mathematics (CSM) distribution and diversity requirements, turn to page 6, "Academic Information."

NEW FOR THE FALL 2007 BULLETIN...

...Updated Distribution Requirement codes. Use the following chart to match codes in the course descriptions to full distribution name:

Distribution Area I:

A	The Arts
H	Historical and Cultural Studies
P	Philosophical and Humanistic Studies
S	Social and Behavioral Sciences
N	Natural Sciences
M	Mathematics and Computer Science
F	Foreign Languages

Distribution Area II:

AR	Arts
HU	Humanities
MT	Mathematics
NS	Natural Sciences
SB	Social and Behavioral Sciences
WC	World Cultures
WL	World Languages

UNDERGRADUATE COURSES

Accounting and Finance

PERSONAL FINANCE **AF 201**

Introduces students to planning and managing personal and family finances. Topics include financial planning and budgeting, banking and borrowing, making major purchases like a home or car, insuring against risk, investing, and tax, retirement and estate planning. This course cannot be counted toward the finance or accounting concentrations of the College of Management.
3 Credits, Course fee: $687

COPLEY
Tu 6:00-9:00pm
Class No 6652

ONLINE COURSE

ONLINE
By arrangement
Class No 6653
Special course fee: $850

FINANCIAL ACCOUNTING **AF 210**

Presents the theory and techniques of financial accounting. The course encompasses the basic functions of collecting, processing, and reporting accounting information for interested third parties (e.g., owners, investors, and government) and enables students to analyze, interpret, and use accounting information effectively.
Prerequisite: a minimum of 30 credits.
3 Credits, Course fee: $687

COPLEY
M 6:00-9:00pm
Class No 6654

MANAGERIAL ACCOUNTING **AF 211**

Presents the theory and technique of managerial accounting, from the particular perspective of the manager. The course covers the identification and analysis of the behavior of costs within the organization, and illustrates how managers use such knowledge for planning and control. Major topics include responsibility accounting, comprehensive and cash budgeting, and standard job order and process cost systems.
Prerequisite: AF 210 and a minimum of 30 credits.
3 Credits, Course fee: $687

COPLEY
Th 6:00-9:00pm
Class No 6655

Africana Studies

INTRODUCTION TO AFRICANA STUDIES **AFRSTY 101**

This course presents an overview of the major theories in the field of Africana studies. It seeks to explore the Africana experience in a way that is orderly, systematic, and structurally integrated; and to convey an understanding of the cultural, historical, and political roots of this experience. The course focuses chronologically on major historical episodes through a study of ancient African civilizations, slavery, colonialism, and African liberation movements.
Distribution I: H
Distribution II: WC
Diversity Area: International
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-019
Class No 6658

American Studies

POPULAR CULTURE IN AMERICA **AMST 101**

This course introduces students to the varieties of popular culture in America, including popular literature, live entertainment, radio, movies, and television. In-depth case studies of such particular forms of popular culture as humor and music are included. In class viewing and listening accompany case studies.
Distribution I: H
Distribution II: HU
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-057
Class No 1002

THE SIXTIES **AMST 206**

The course focuses on protest and the role of youth. Who protested and why? Was the phenomenon of the sixties an aberration or part of a larger radical tradition in America? What was the impact on the seventies? Readings are drawn from the works of participants in the student, black, feminist, and peace protest movements, from the intellectuals who defended and attacked them, and from the growing body of retrospective, analytic, and historical literature which attempts to explain what really happened in that tumultuous decade.
Distribution I: H
Distribution II: HU
Diversity Area: US
3 Credits, Course fee: $687

COPLEY
W 6:00-9:00pm
Class No 1003

AMERICAN DREAMS/AMERICAN REALITIES: MEN AND WOMEN IN SOCIETY AND CULTURE 1600-1860 **AMST 210**

Documents, diaries, letters, essays, fiction, and art, along with secondary historical and anthropological sources, are used to compare the dreams and realities of men's and women's lives in America from the first contact between European explorers and native Americans up through the Age of Reform (1830-1860). Topics include visions of landscape and nature; contrasting cultures of Indians and Anglo-Americans; family and "women's place"; slavery; working class organization; and women's rights.
Distribution I: H
Distribution II: HU
Diversity Area: US
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 11510

AMERICA ON FILM **AMST 215**

This course focuses on the flowering of American cinema through decades of social, political, and cultural change. It examines both classic representations of "The American Experience" and films which challenge such classic representations. The relations between film and other arts, and between film, history, and ideology, are an ongoing concern.
Prerequisite: ENGL 102
Distribution I: H
Distribution II: AR
Diversity Area: US
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-127
Class No 6659

Anthropology

INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY **ANTH 105**

The study of human biological evolution and human population variation. This course introduces the history, theory, and methods of research in biological anthropology through lectures and hands-on exercises. Major topics include: geological time, classification, and the place of humans in the animal world; evidence for primate and human evolution; evolutionary theory and genetics; and discussion of the evolutionary forces involved in producing human population variation. This course addresses, in assignments and during class time, the following general education capabilities: critical thinking; using technology to further learning; quantitative reasoning; collaborative work; and effective communication. Students who have taken ANTH 102 may not receive credit for ANTH 105.
Distribution I: N
Distribution II: NS
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-125
Class No 1004

INTRODUCTION TO ARCHAEOLOGY — ANTH 107

The study of the past through scientific analysis of the traces left behind by humans. This course introduces the history, theory, and methods of archaeological research through lectures and hands-on projects. Archaeological data are then used to examine such major transformations of human cultural evolution as the domestication of plants and animals and the origins of complex civilizations. Students prepare a paper suitable for the Writing Proficiency Requirement Portfolio.
Distribution I: N
Distribution II: SB
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 6246

DREAMS AND DREAMING — ANTH 262

A cross-cultural exploration of dreams and dreaming across cultures, with general attention to the western Pacific, and the Mekeo people of Papua New Guinea in particular: review of the anthropology of dreams in the context of theoretical works by Freud and Jung, and recent neurobiological studies; and, the relationship of dreams to notions of the self, person, and individual.
Distribution Area I: S
3 Credits, Course fee: $687

COPLEY
Th 6:00-9:00pm
Class No 12953

PEOPLES AND CULTURES OF THE MIDDLE EAST — ANTH 271

An examination of historical and sociopolitical forces in the formation of the contemporary Middle East; the cultural, ethnic, and economic diversity of modern nation-states in this region; neo-colonialism and imperialism as persisting obstacles to development and progress in this part of the world; and the role of Islam in reformist and revolutionary movements.
Distribution Area: Historical and Cultural Studies.
Diversity Area: International
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-2-125
Class No 1006

PEOPLES AND CULTURES OF AFRICA — ANTH 272

An in-depth study of selected African societies, examining traditional institutions, the colonial situation, and modernization.
Distribution I: H
Distribution II: WC
Diversity Area: International
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 6660

CULTURE, GLOBAL WARMING AND CLIMATE CHANGE — ANTH 280

This course takes an anthropological perspective on the effects of natural and anthropogenic climate change on human culture. Examples we will be studying include the collapse of Viking settlements in Greenland during the Little Ice Age, social disruption and collapse of societies such as Easter Island and Mayan civilization, and current cross-cultural issues surrounding greenhouse gases, rising sea levels, salinization, desertification and drought.
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 11511

Art

THE LANGUAGE OF ART — ART 100

The course teaches students to begin to understand the processes of artistic creation. It enables the student to grasp the expressive content of works of art in a wide variety of media and to analyze how the artist creates his/her effect. It is not an historical survey. Through lectures, discussions, field trips, and museum visits, the student studies paintings, sculptures, and buildings; examples are chosen as often as possible from the Boston area. The course addresses such concepts as hierarchies, elements of composition, rhythm, symmetry, space, and the possibilities of differing interpretations of subject matter. It offers a solid introduction to the arts by developing the student's ability to see and analyze forms as the result of aesthetic and interpretive decisions.
Distribution I: A
Distribution II: AR
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 8:15-11:15am, M-3-430
Class No 11512

RENAISSANCE TO MODERN ART — ART 102

An historical survey of Western art and architecture from the fifteenth century to the twentieth century. The course deals with different aspects of the art of the Renaissance in Italy and the North, the Baroque and Rococo, Neoclassicism and Romanticism, Realism and Impressionism, and Post-Impressionism.
Distribution I: A
Distribution II: AR
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 12:00-3:00pm, M-3-430
Class No 1009

DRAWING I — ART 281

A comprehensive introduction to basic materials and techniques, with emphasis on drawing as a primary means for the description and interpretation of people and their environment. Problems in still life, landscape, and life drawing. Fundamentals of visual language are also addressed.
Distribution I: A
Distribution II: AR
3 Credits, Course fee: $687, Lab fee: $20

UMASS BOSTON CAMPUS
S 12:00-4:30pm, H-8-009
Class No 1010

Biology

THE BASIS OF LIFE **BIOL 101**

The uniqueness of life within the physical universe. The matter and energy of life, the genetic code, molecular biology, and the origin and evolution of life. An overview for students in the humanities and social sciences of those features which distinguish living organisms from non-living things. No background in the natural sciences is required.
By permission of the instructor.
Distribution I: N
Distribution II: NS
3 Credits, Course fee: $687

**LEXINGTON
Tu 3:30-6:00pm
Class No 13873

***This section recommended for students preparing for Massachusetts vocational-technical licensure.*

ONLINE
By arrangement
Class No 1011
Special course fee: $850

INTRODUCTION TO NUTRITION **BIOL 108**

Introduction to the elements of nutrition with emphasis on nutrition for humans; examination of food stuffs and nutritional quality, physiology of food utilization, food quality regulations, and the global ecology of food production. No background in the natural sciences is required.
Distribution I: N
Distribution II: NS
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-2-198
Class No 1013

COPLEY
Tu 6:00-9:00pm
Class No 1012

GENERAL BIOLOGY I **BIOL 111**

An integrated course stressing the principles of biology. Life processes are examined primarily at the molecular and cellular levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
Distribution I: N
Distribution II: NS
4 Credits, Course fee: $916, Lab fee: $75

BRAINTREE
MW 6:30-9:30pm
Class No 1014

Classics

GREEK AND ROMAN COMEDY **CLSICS 286**

The origins of Western comedy through a reading of selected works: Aristophanes and Menander-Greece; Plautus and Terence-Rome.
Distribution I: A
Distribution II: AR
3 Credits, Course fee: $687

COPLEY
M 6:00-9:00pm
Class No 14566

GREEK AND ROMAN RELIGION **CLSICS 385**

The ancients' belief in, and worship of, the ancient gods; oracles, mysteries, cults. Both primary sources (ancient authors in translation) and modern secondary sources are used.
Distribution II: WC
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 14567

Communication Studies

INTRODUCTION TO COMMUNICATION **COMSTU 100**

This course is designed to provide an introductory survey of the study of communication. The course begins with a general history of the evolution of human communication, andgoes on to examine such areas as definitions, models, and basic concepts in communication; the range of verbal and non-verbal codes, and their complex interrelations in the message systems of modern electronic media; and various communication contexts, with emphasis on the structure and function of interpersonal communication and mass communication, particularly broadcast and cable television.
Distribution I: S
Distribution II: SB
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 6662

ORAL COMMUNICATION **COMSTU 105**

The course focuses on improvement of interpersonal, small group, and public communications skills. Through readings, journals, class discussions and activities, we explore the following: self-concept and perception, listening and responding, language and non-verbal behaviors, interviewing, problem-solving and decision-making, formal elements of speech-making, the evaluation of one's own and others' public messages.
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-124
Class No 1015

USING INTERNET COMMUNICATION **COMSTU 210**

Using Internet communications enhances students' theoretical understanding of electronic communication and their ability to communicate as professionals, scholars, and citizens using the Internet. Participants learn core communication theoretical models and principles, and apply them to electronic communication methodologies that enhance interpersonal, small group, and public interactions. These methodologies include electronic meetings, discussion forums, co-authoring tools, audio, and video.
Distribution I: S
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 1016

INFORMATION TECHNOLOGY AND HUMAN COMMUNICATION **COMSTU 300**

This course examines the relationship between information technology and human communication. Readings, discussion, assignments and projects address IT's potential to enhance and constrain communication; its role in the promotion or dissolution of community; its implications for social policy; its place among other media; and many more issues for which IT, particularly cyber-technology, is a lightning rod.
Distribution II: SB
3 credits, Special course fee: $850

ONLINE
By arrangement
Class No 13874
Class no 14521

Criminal Justice

CRIMINOLOGY **CRMJUS 262L**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I: S
Distribution II: SB
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-009
Class No 6668

RACE AND ETHNIC RELATIONS **CRMJUS 321L**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution II: SB
Diversity Area: US
3 Credits, Course fee: $687

COPLEY
W 6:00-9:00pm
Class No 1022

METHODS OF SOCIOLOGICAL RESEARCH **CRMJUS 351L**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-009
Class No 1023

CORRECTIONS **CRMJUS 363L**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-198
Class No 1024

ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY **CRMJUS 368L**

An in-depth interdisciplinary analysis of the nature, causes and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-054
Class No 1025

INTERNSHIP IN LAW AND CRIMINAL JUSTICE **CRMJUS 461L**

This course provides an historical and sociological analysis of our state and federal court systems, and considers such issues as the rights of indigent defendants, the bail system, right to counsel, and the adversary nature of some proceedings. In addition to classroom work, students undertake supervised field placements in probation offices, parole boards, district attorneys' offices, and correctional programs.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
6 Credits, Course fee: $1374

COPLEY
M 6:00-9:00pm
Class No 14548

Critical Reading and Writing

PROFICIENCY IN ANALYTICAL WRITING **CRW 283**

This course is for students who have had repeated difficulty completing the writing proficiency requirement. The course explores a broad theme or topic, reading texts drawn from different disciplines. The course functions as an intensive writing workshop, providing instruction and practice in critical reading, writing, and thinking. Students must develop three critical papers, based on multiple readings, that form the basis of a writing proficiency portfolio. A conference with the director of the writing proficiency requirement is mandatory before registering. Course enrollment is limited to 15 students.

3 Credits, Special course fee: $850

ONLINE COURSE

ONLINE
By arrangement
Class No 13872

Dance

INTERMEDIATE BALLET **DANCE 232**

This course continues the study of ballet; emphasis on performance. Placement by audition.

Distribution I: A
Distribution II: AR
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
F 2:30-5:30pm, CLL-0099
Class No 11545

East Asian Studies

MODERN JAPAN **EASIAN 363L**

A historical survey of economic, social, political and cultural developments in Japan from 1800 to the present, special consideration of economic and foreign policy problems.

Diversity Area: International
3 Credits, Special course fee: $850

ONLINE COURSE

ONLINE
By arrangement
Class No 12089

Economics

INTRODUCTION TO MICROECONOMICS **ECON 101**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on the functioning of markets and on examining the behavior of individual economic units such as the business firm and the consumer (microeconomics). Other areas of emphasis vary from section to section and may include industrial organization, income distribution, international trade, economics of the environment, and other topics.

Prerequisite: MATH 114Q or 115 or equivalent MATH level.
Distribution I: S
Distribution II: SB
3 Credits, Course fee: $687

COPLEY
Tu 6:00-9:00pm
Class No 1028

ONLINE COURSE

ONLINE
By arrangement
Class No 1029
Special course fee: $850

INTRODUCTION TO MACROECONOMICS **ECON 102**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on examining the overall functioning of the economy and on dealing with such matters as unemployment, inflation and recession. Other areas of emphasis vary from section to section and may include economics of government spending and taxation, economic development, alternative economic systems, and other topics.

Prerequisite: MATH 114Q or 115 or equivalent MATH level. Note: ECON 101 is not a prerequisite for Econ 102.
Distribution I: S
Distribution II: SB
3 Credits, Course fee: $687

COPLEY
Th 6:00-9:00pm
Class No 1030

ONLINE COURSE

ONLINE
By arrangement
Class No 1031
Special course fee $850

Exercise and Health Sciences

PHYSICAL ACTIVITY AND HEALTH **EHS 260**

The course focuses on better understanding health conditions and how physical activity many impact the prevention or control of these conditions. Health conditions that will be covered include cardiovascular disease, diabetes, obesity, osteoporosis, and cancer. The terms and measures used for large-scale physical activity and fitness studies will be discussed. Emphasis is placed on understanding key epidemiological studies of physical activity and mortality and their contribution to our understanding of physical activity, public health, and different diverse populations. An introduction to methods of assessing physical activity such as pedometer use will be included.
Prerequisite: EHS Students Only
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 12569

ADVANCED TOPICS I **EHS 460**

This course is designed to provide student with a background in quantitative research design to promote an understanding of the scientific literature and to assist in future research pursuits. In this course, students will become familiar with the scientific method, the basic principles of designing descriptive and experimental projects, literature searching, interpretation of research results, and ethical conduct in research. Students will prepare and present a research proposal as part of the course.
Prerequisite: EHS 260 and EHS 280; EHS Students Only
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 12570

Environmental, Earth and Ocean Science

THE GLOBAL ENVIRONMENT **EEOS 101**

An analysis of the physical geographic environment including the globe, the atmosphere and ocean, climate, soils, vegetation, and landform. Positive and negative interaction of human beings with these aspects of the environment is examined where appropriate.
Distribution I: N
Distribution II: NS
3 Credits, Course fee: $687

COPLEY
Tu 6:00-9:00pm
Class No 1026

WEATHER AND CLIMATE **EEOS 225**

This course investigates atmospheric processes forming the basis for weather patterns and climatic development on a global scale. Major topics include earth-sun relationships, heating and cooling of the atmosphere, atmospheric circulation, pressure patterns, air mass formation and frontal systems, episodic storms, vertical zonation of climate, and the Koppen System for evaluating and classifying climatic phenomena.
Prerequisite: 30 credits.
Distribution I: N
Distribution II: NS
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-2-198
Class No 1027

English

Note: ENGL 101 and 102 are prerequisites for all English courses above the 100 level. For non-majors, one 200-level English course is prerequisite for all 300- and 400-level English courses. These requirements may be modified or waived for certain courses: see the following course descriptions for such changes. The student who is strongly motivated to take a course for which he or she has not satisfied the prerequisites should contact the instructor for advice and permission.

Students whose first language is not English and who have not previously completed a UMass Boston English or ESL credit course must take a writing placement test before registering for any English or ESL course. For further information, see page 6 ("Diagnostic Testing").

FRESHMAN ENGLISH I **ENGL 101**

English 101 is an introductory course in critical reading and writing that prepares students for working with the complex texts and ideas they will find in their college studies. English 101 teaches students to discover and shape their own perspectives in dialogue with challenging readings. Through carefully sequenced assignments, students are guided through various processes for constructing academic essays that may include journal writing, glossing texts, discussing student papers in class, peer reviewing, and especially revising. Readings and materials vary from section to section.
Note: This course satisfies the first half of the College's freshman writing requirement.
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 3:15-6:15pm, TBA
Class No 1033

COPLEY
TuTh 6:00-7:30pm
Class No 1032

**FRANKLIN
Tu 3:00-5:30pm
Class No 13878
By permission of the instructor

***This section recommended for students preparing for Massachusetts vocational-technical licensure.*

FRESHMAN ENGLISH II — ENGL 102

If English is not your first language, you may be placed into 102E, a course devoted to ESL students. This course, designed for non-native speakers of English, parallels 102 and meets the same graduation requirement. The following description therefore applies as well to 102E. Freshman ENGL 102 is a more advanced course in critical reading and writing than 101; it is intended to help students prepare for their upper-level courses and the Writing Proficiency Requirement. Through sequenced assignments, students learn to sustain inquiries on particular themes or issues and to treat subjects from different perspectives, including their own. Through frequent reading and writing assignments, students learn to analyze the structures of essays and arguments so they are able to develop informed responses to them. As in 101, drafting and redrafting are emphasized. One of the course papers will be a researched essay that builds on course themes and issues. Note: ENGL 102 and 102E both satisfy the second half of the College's freshman writing requirement. For more detail, see: www.freshman.umb.edu.
Prerequisite: ENGL 101; Degree students only.
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-029
Class No 1035

COPLEY
TuTh 7:30-9:00pm
Class No 1034

FIVE MAJOR BRITISH WRITERS — ENGL 201

Representative works by five of the most important writers from the fourteenth to the nineteenth century, studied as introductions to philosophical and humanistic studies, explored as reflecting and shaping the leading ideas, assumptions, and values of their ages. Works by Chaucer, Shakespeare, and other authors such as Milton, Swift, and Austen, with films and background lectures on the philosophical and historical contexts of the works and their authors. Instruction in analytical reading and writing is provided.
Prerequisites: ENGL 102.
Distribution I: P
Distribution II: HU
3 Credits, Course fee: $687

COPLEY
W 6:00-9:00pm
Class No 11547

SIX AMERICAN AUTHORS — ENGL 206

The achievements of American literature in articulating the American mind are illustrated by works from some well-known American writers-Thoreau, Dickinson, Faulkner, for example-as well as from those who deserve to be better known, such as Frederick Douglass, Kate Chopin, Zora Neale Hurston.
Prerequisites: ENGL 102.
Distribution I: A
Distribution II: HU
Diversity Area: US
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-010
Class No 6669

INTRODUCTION TO CREATIVE WRITING — ENGL 210

An introduction to the arts through the medium of writing as well as reading poetry and fiction. Student writing is submitted weekly and discussed in class.
Prerequisites: ENGL 102.
Distribution I: A
Distribution II: AR
3 Credits, Course fee: $687

COPLEY
Th 6:00-9:00pm
Class No 1036

SHORT STORY — ENGL 324

A study of the short story, chiefly as a genre of this century. The course traces its development from nineteenth century origins, concentrating its reading on such American and Irish writers as Welty, O'Connor, Cheever, Lavin, Joyce, Hemingway, Montague, and considering as well the statements made by short story writers on the poetics of short fiction.
Prerequisites: ENGL 102, and ENGL 200 or 201 or 206.
Distribution II: AR
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-062
Class No 1037

LANGUAGE AND LITERACY — ENGL 443

A study of the theories of literacy, in its relation to human thinking and to social uses and contexts; and of the practice ofliteracy, in the teaching, learning, and use of literate behaviors in contemporary American society. The course links the active investigation of literacy issues with related readings, and draws implications for the teaching of reading and writing and for the study of literature.
Prerequisite: ENGL 102, and ENGL 200 or 201 or 206.
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 11548

Environmental Studies

THE NATURE OF ENVIRONMENTAL PROBLEMS — ENVSTY 101

An introduction to environmental issues and analysis emphasizing comparisons between the sustainable characteristics of ecosystems, both natural and human, and the human impacts on the Earth's life support systems. Topics include human population growth, food production, use of natural resources, pollution, loss of biodiversity, and conservation strategies.
Distribution I: N
Distribution II: NS
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 1038

French

ELEMENTARY FRENCH I **FRENCH 101**

Practice in the four language skills, with concentration on an audio-lingual approach, for students who have no creditable training in French. Includes an introduction to French and francophone culture. Weekly laboratory attendance and assignments required.
Distribution I: F
Distribution II: WL
4 Credits, Course fee: $916, Lab fee: $25

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-020
Class No 1039

History

FOUNDATIONS OF WESTERN CIVILIZATION **HIST 111**

A survey of the political, cultural, social, and economic history of Western society from antiquity until 1715. Emphasis is given to the critical analysis of primary sources.
Distribution I: H
Distribution II: HU
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-020
Class No 1040

MODERN WESTERN CIVILIZATION **HIST 112**

This course traces the major political, economic, and cultural changes which have shaped Western society from the Enlightenment to the present. Emphasis is given to the critical analysis of primary source materials.
Distribution I: H
Distribution II: HU
3 Credits, Course fee: $687

COPLEY
W 6:00-9:00pm
Class No 1041

MODERN WORLD HISTORY II **HIST 114**

History of modern Western industrial societies and the non-Western world, 1800-present.
Distribution I: H
Distribution II: SB
Diversity Area: International
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-031
Class No 1042

COPLEY
M 6:00-9:00pm
Class No 14417

AMERICAN HISTORY BEFORE 1877 **HIST 165**

Introduces students at the intermediate level to the study of American history before 1877. The subject matter encompasses virtually all aspects of American society. The interrelationship between social structure, economic development, everyday life, culture and
formal politics is explored throughout the course. Attention is given to the nature of historical inquiry and the development of writing skills.
Distribution I: H
Distribution II: HU
3 Credits, Course fee: $687

COPLEY
Th 6:00-9:00pm
Class No 1043

AMERICAN HISTORY SINCE 1877 **HIST 166**

A survey of American history from 1877 covering the nature of American social structure, economic development, everyday life, culture, and formal politics. Attention is given to the nature of historical inquiry and the development of writing skills.
Distribution I: H
Distribution II: HU
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-010
Class No 1044

NINETEENTH CENTURY EUROPE **HIST 313**

A political, social and cultural history of Europe from 1815 to 1900, including the history of each major European nation.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
By arrangement
Class No 13892

MODERN IRISH HISTORY FROM 1800 TO THE PRESENT **HIST 339**

This course examines the forces and movements in the development of Irish Nationalism from 1800 to the achievement of national independence. The course also explores the history of an independent Ireland.
Prerequisite: Sophomore standing.
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-1-019
Class No 13915

MODERN JAPAN **HIST 363L**

A historical survey of economic, social, political and cultural developments in Japan from 1800 to the present, special consideration of economic and foreign policy problems.
Prerequisite: Sophomore standing.
Diversity Area: International
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
By arrangement
Class No 12090

Latin

FUNDAMENTALS OF LATIN I **LATIN 101**

Designed to complete a standard basic textbook with Latin 102.
Distribution I: F
Distribution II: WL
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 1049

FUNDAMENTALS OF LATIN II **LATIN 102**

Continuation of Latin 101.
Distribution I: F
Distribution II: WL
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 6681

Linguistics

ELEMENTARY AMERICAN SIGN LANGUAGE I **LING 151**

This course provides an introduction to American Sign Language with an emphasis on receptive skills, vocabulary, and grammar; it also introduces the linguistics of ASL. In addition, through readings, guest speakers, and videotapes, the course seeks to help students develop their awareness of issues important to the Deaf community.
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45-2:45am, W-1-045
Class No 1050

Management

INTRODUCTION TO BUSINESS **MGT 130**

Familiarizes students with the nature of business and its relationship to other institutions in society. The course examines business ownership, organization, management, marketing, human resources management, production, and finance. In addition, the course explores issues in the relationships between capitalism and business, the law and business, and government and business.
3 Credits, Course fee: $687

COPLEY
W 6:00-9:00pm
Class No 6656

ONLINE
By arrangement
Class No 6657
Special course fee: $850

Management Science and Information Systems

CERTIFICATE PROGRAM: FUNDAMENTALS OF INFORMATION TECHNOLOGY

See page 45.

INTRODUCTION TO INFORMATION SYSTEMS **MSIS 105**

Introduces computers, information systems, and their use in society for students with minimal prior knowledge in this area. Topics includes overviews of current information technology concepts and components, the Internet, and productivity software tools. The course offers an extensive hands-on component in the use of current technology. This course cannot be counted toward the management information systems or management science concentration in the College of Management.
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 11507

INTRODUCTION TO INFORMATION SECURITY **MSIS 123**

This course will present an overview of the threats to your information technology infrastructure and intellectual property, with an emphasis on the detection and prevention of intrusions or theft. The protection of services such as the World Wide Web, file sharing, and e-mail will be analyzed. The vulnerabilities and hardening of major operating systems such as Linux and Microsoft's Windows 2000 will be discussed. The course takes a holistic approach, discussing the technical but focusing on the need for proper training and procedures in the maintenance of an effective yet secure information technology infrastructure. While the material of the course is technical in nature, no systems administration or software development experience is assumed. A good familiarity with the use of the Internet and computers is required, and some knowledge of TCP/IP would be helpful.
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 1056

INTRODUCTION TO VISUAL BASIC.NET **MSIS 124**

This is an introductory course for Visual Basic.NET, an object-oriented, event-driven language that is a subset of the Visual Studio.NET environment. It is designed to provide the beginning Visual Basic programmer with the tools to create Visual Basic applications that conform to well-adopted Windows standards. In addition, it will introduce the students to object-oriented programming concepts, which are key to successful Windows and Web-based development efforts. While students are expected to have familiarity with basic Windows 95, Windows 98, or Windows 2000 concepts, little or no programming experience is required.
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 11508

Marine Studies

To register for the course below, you must first call the Marine Studies Consortium (see page 57) to get a UMass Boston schedule number. This will allow you to register at UMass Boston. Courses may have a waiting list. For schedule numbers and wait listing, call the Consortium at 781-444-3643 or email Roger Stern at rstern@jhu.edu.

WATER RESOURCES PLANNING AND MANAGEMENT — INTR-D 107

This course is a comprehensive introduction to the economics and ecology of water supply and water pollution control. Topics include watershed management, groundwater and wetlands protection, wastewater treatment and coastal zone management. The inherent difficulty in applying static laws and regulations to a dynamic natural resource such as water is a recurring theme in the course. It is strongly recommended for students interested in environmental management.
3 Credits, Course fee: $687

BRANDEIS
Tu 6:10-9:10pm
To Register: See note above.

Mathematics

PREPARATORY WORK

Any student who intends to take a mathematics course at or below the level of MATH 140 (Calculus I) must furnish proof to the department that he or she is prepared for that course. The required proof is successful completion of the appropriate math placement test (see Diagnostic Testing, page 6).

COLLEGE ALGEBRA — MATH 115

Designed primarily but not exclusively for students seeking a stronger foundation in algebra before taking MATH 129 or MATH 130. Topics include basic algebra concepts, linear equations and inequalities and inequalities, properties of functions, linear and quadratic functions, absolute value equations and inequalities, systems of equations.
Prerequisite: MATH 125 or appropriate scores on the Math Placement Test.
Distribution I Area: M.
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
F 6:00-9:15pm, W-1-064
Class No 1051

**FRANKLIN
Th 3:15-5:45pm
Class No 13881
Permission of the instructor

***This section recommended for students preparing for Massachusetts vocational-technical licensure.*

INTRODUCTORY STATISTICS — MATH 125

Topics include introductory statistics, covering descriptive statistics; introductory probability sufficient to enable development of inferential statistics; and inferential statistics.
Prerequisite: MATH 114Q or 115 or 124 or 129 or 130 or 140 or appropriate scores on the Math Placement Test.
Distribution I: M
Distribution II: MT
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-3:00pm, W-1-046
Class No 1053

COPLEY
Th 6:00-9:15pm
Class No 1052

PRECALCULUS — MATH 130

Preparation for first year calculus. Covers symmetry, graphs, functions, lines, parabolas and max-min problems, exponential and logarithm functions, exponential growth, semilog graphing, and the trigonometric functions and their inverses. Qualified students should enter MATH 140 without taking this course.
Prerequisite: Appropriate scores on the Math Placement Test.
Distribution I: M
Distribution II: MT
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 8:15-11:30am, W-1-046
Class No 1054

MANAGERIAL ALGEBRA AND CALCULUS — MATH 134

This course is designed to provide students with mathematical literacy through mastery of basic algebra and basic calculus. Topics include functions, graphs, absolute value, linear equations, inequalities, systems of linear equations and inequalities, polynomials, exponential and logarithmic functions, limits, continuity, derivatives, summation of series, and integration. Applications will be made to managerial situations throughout the course.
Prerequisite: A suitable score on the mathematics diagnostic test or completion of MATH 129 or 130.
Distribution I: M
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-3:00pm, W-1-031
Class No 1055

Music

AN INTRODUCTION TO MUSIC — MUSIC 111

Basic music materials, principles of design, and the cultural significance of representative works in historical sequence. Designed primarily for non-music majors.
Distribution I: A
Distribution II: AR
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
F 2:30-5:30pm, M-2-404
Class No 6683

PRIVATE MUSIC LESSONS — MUSIC 185

Private music lessons at beginning, intermediate and advanced levels are offered in voice, piano, guitar and all orchestral instruments and are open to all students. Students may register for twelve half-hour or twelve one-hour lessons; all options bear one academic credit. Instructors will contact students by telephone or UMB email to arrange lesson time and location. Students will need to provide an instrument for their lessons, with the exception of voice, drums, and piano. For further information, contact the Performing Arts Department at 617.287.5640 or visit the CCDE Registration Center.
Note: Waivers may not be used for MUSIC 185. The registration deadline for MUSIC 185 is September 4. No late registrations will be accepted.

COURSE FEES:
Twelve half-hour lessons: $365, 1 Credit
Twelve one-hour lessons: $730, 1 Credit

MUSIC 185A. FLUTE
Half-hour lessons Class No 1057 — One-hour lessons Class No 1058

MUSIC 185B: BASS
Half-hour lessons Class No 1059 — One-hour lessons Class No 1060

MUSIC 185C. CLARINET
Half-hour lessons Class No 1061 — One-hour lessons Class No 1062

MUSIC 185D: DRUMS
Half-hour lessons Class No 1063 — One-hour lessons Class No 1064

MUSIC 185E: GUITAR
Half-hour lessons Class No 1065 — One-hour lessons Class No 1066

MUSIC 185F: PIANO
Half-hour lessons Class No 1069 — One-hour lessons Class No 1070

MUSIC 185G: SAXOPHONE
Half-hour lessons Class No 1077 — One-hour lessons Class No 1078

MUSIC 185H: VIOLIN
Half-hour lessons Class No 1079 — One-hour lessons Class No 1080

MUSIC 185I: VOICE
Half-hour lessons Class No 1083 — One-hour lessons Class No 1084

MUSIC 185J: TRUMPET
Half-hour lessons Class No 1089 — One-hour lessons Class No 1090

MUSIC 185K: CELLO
Half-hour lessons Class No 1091 — One-hour lessons Class No 1092

MUSIC 185L. TROMBONE
Half-hour lessons Class No 1093 — One-hour lessons Class No 1094

MUSIC 185M: ORGAN
Half-hour lessons Class No 1095 — One-hour lessons Class No 1096

MUSIC 185N: VIOLA
Half-hour lessons Class No 1097 — One-hour lessons Class No 1098

MUSIC 185O: OBOE
Half-hour lessons Class No 1099 — One-hour lessons Class No 1100

MUSIC 185Q: HORN
Half-hour lessons Class No 1101 — One-hour lessons Class No 1102

MUSIC 185R: BASSOON
Half-hour lessons Class No 1103 — One-hour lessons Class No 1104

MUSIC 185S: ACCORDION
Half-hour lessons Class No 1105 — One-hour lessons Class No 1106

UNIVERSE OF MUSIC **MUSIC 248**

An introduction to the infinite universe of music from its origins to the present, this course investigates the role of instruments, culture, myth and science in the evolution of music. Illustrations through the medium of the World Wide Web present the concept of music as both communication of ideas and expression of feelings in diverse musical traditions of the world.
Distribution I: A
Distribution II: AR
Diversity Area: International
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 1107

Nursing

DEGREE PROGRAM: BS IN NURSING FOR REGISTERED NURSES
See page 45.

PROFESSIONAL ISSUES IN NURSING **NURSNG 360**

This is the first nursing course in the RN-BS Online Program. It is an intermediate seminar designed to assist registered nurses to develop the critical reading, writing and thinking skills necessary for successful university level study. Issues that significantly influence professional practice and nursing leadership are explored utilizing the above skills.
Prerequisite: RN-to-BS students only.
6 Credits, Special course fee: $1700

ONLINE
By arrangement
Class No 1108

HEALTH ASSESSMENT AND PROMOTION **NURSNG 361**

This course focuses on the complete health assessment, the nursing process, and its relationship to the prevention and early detection of disease in clients across the life span. This course introduces processes of health assessment: interviewing, history-taking, and physical assessment. Dominant models, theories, and perspectives are used to explain health behaviors and are considered in relation to evidence-based health promotion and health education strategies. Students are also expected to identify and apply pathophysiological principles to selected health issues across the lifespan. The course includes a laboratory component complemented by self-directed computer-assisted instruction. Incorporated throughout the course is the importance of communication and collaboration across culturally diverse urban populations.
Prerequisite: RN-to-BS students only.
6 Credits, Special course fee: $1700

ONLINE
By arrangement
Class No 1109

NURSING RESEARCH & INFORMATION — NURSNG 362

This course provides an overview of scientific research and nursing informatics. The course focuses on the interface of theory, research, and electronic technologies used in data acquisition, information management, and knowledge development. Emphasis is placed on ethical, theoretical, and methodological issues raised when studying and documenting the health-related quality of life of urban populations and on the application of electronic networks in multidisciplinary healthcare delivery.
Prerequisite: RN-to-BS students only.
6 Credits, Special course fee: $1700

ONLINE
By arrangement
Class No 6271

COMMUNITY HEALTH & CAP-RN — NURSNG 461

This course serves as the capstone course for registered nurses. The course enables students to perform complex, comprehensive interventions designed to improve public and community health care in the evolving health care system. Nursing practice is directed toward communicating effectively and working collaboratively with diverse urban communities and healthcare infrastructures to deliver quality, cost-effective, and accessible health across the life span. Students will utilize information technology to generate empirical and theoretical knowledge bases for decision-making, critical thinking, designing, and evaluation of health care programs and outcomes. Students will assess and demonstrate accountability for self-learning needs when engaged in developing and advocating for programs designed to promote the health of vulnerable and other diverse urban populations. Students will complete their senior year pass/fail capstone experience during this course.
Prerequisite: RN-to-BS students only.
6 Credits, Special course fee: $1700

ONLINE
By arrangement
Class No 6684

LEGAL, ETHICAL AND HEALTH POLICY AND CAPSTONE FOR RNS — NURSNG 462

This course is the capstone for students in the online RN-BS program. This course enables students to analyze complex nursing issues from a legal, ethical, and political approach. This perspective will serve to guide health professionals to socially responsible practice and collaboration within the changing health care environment. In addition, the course conducts critical analyses of contemporary urban health and policy issues affecting individuals across the lifespan. The impact of the complex socio-political environments on how the health care system evolved and is continually reformed is explored. Different health issues and policies including communication, advocacy, and ethical concerns of access, quality, and cost will be examined. The ethical, legal and policy issues surrounding healthcare disparities will be examined. Students will use information technology to generate empirical and theoretical knowledge bases for decision-making, critical thinking and evaluation of health care policies and their outcomes.
Prerequiste: NURSNG 461.
6 Credits, Special course fee: $1700

ONLINE
By arrangement
Class No 7209

Philosophy

INTRODUCTION TO PHILOSOPHY — PHIL 100

An introductory examination of the problems and scope of philosophy.
Distribution I: P
Distribution II: HU
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS	COPLEY
S 3:15-6:15pm, W-1-019	M 6:00-9:00pm
Class No 6689	Class No 1113

MORAL AND SOCIAL PROBLEMS — PHIL 108

Important moral and social issues of current concern are examined and debated. The course covers several problems each semester from a list including criminal punishment, war, abortion, racism, violence, the death penalty, private property, sexism, animal rights, the environment, and hunger.
Distribution I: P
Distribution II: HU
Diversity Area: US
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS	COPLEY
S 8:15-11:15am, W-1-064	Tu 6:00-9:00pm
Class No 1115	Class No 1114

MORAL ISSUES IN MEDICINE — PHIL 222

Concepts of health, illness and healing, under different paradigms of medicine. Is medicine an art or science? What is the impact of medical technology on human life and death? What is considered "natural"? Attention is given to issues in human reproduction (e.g. in vitro fertilization, conception, abortion). Questions of authority, accountability in doctor-patient relationships, patient advocacy, self-help, right to health care or to refuse treatment. Social and political questions of health care organization.
Distribution I: P
Distribution II: HU
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-047
Class No 6690

Physics

ENERGY FOR THE FUTURE **PHYSIC 134**

The current means of supplying energy to industrial societies are not sustainable. The earth's petroleum reserves are being consumed at rates which will lead to depletion in the next few decades. Unchecked burning of fossil fuels threatens permanent damage to the environment. Fundamental changes will be required to avert the looming crises. This course will consider our current dependence on fossil fuels and nuclear fission and examine alternative renewable sources of energy, including: solar, wind, hydro, ocean, geothermal, biomass and synfuels and nuclear fusion. We will discuss the scientific and technological issues involved in emerging technologies, such as: the hydrogen economy, electric vehicles, fuel cells, photovoltaic cells, and "green buildings." This course, designed for a general audience, will address one of the most urgent challenges facing an industrial society: providing energy and technology for a sustainable future.
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 14731

Political Science

AN INTRODUCTION TO POLITICS AND POLITICAL SCIENCE **POLSCI 101**

This course introduces and explores the conceptual vocabulary of politics. Though concerned with problems of political theory, it is designed not for theorists but for anyone who thinks, talks, or worries about the public world. A series of brief case studies will be used to show how real-world outcomes are affected by our political ideas and assumptions.
Distribution I: S
Distribution II: SB
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-009
Class No 1116

GOVERNMENT AND POLITICS OF THE UNITED STATES **POLSCI 102**

An introduction to the structures, processes, and results of the American governmental system. The course focuses on the national government and national political behavior, although state, regional, and local structures and issues are also introduced. Topics include institutions of government, political principles and ideologies, public opinion, political socialization, political parties, mass media, elections, interest groups, civil rights and civil liberties, public policies and policy making.
Distribution I: S
Distribution II: SB
3 Credits, Course fee: $687

COPLEY
M 6:00-9:00pm
Class No 1117

COMPARATIVE POLITICS OF TRANSITIONAL SOCIETIES **POLSCI 202**

Introductory survey of political systems in non-industrialized nations, drawing on examples from Latin America, Africa, and Asia. Course content focuses on the nature of the development process and the evolution of political institutions and practices.
Distribution I: S
Diversity Area: International
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-063
Class No 1118

INTERNATIONAL RELATIONS **POLSCI 220**

This course focuses on basic patterns and concepts which explain interactions among nations. Special attention is given to the role of ideologies, international organizations, conflict resolution, the impact of multinational corporations, underdevelopment, the international dimension of human rights, ethnic, "racial," religious, and gender differences, and the dynamics of globalization.
Prerequisite: Sophomore standing.
Distribution I: S
Diversity Area: International
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 1119

THE POLITICS OF COMMUNICATION **POLSCI 365**

What is the difference between the evening news on television and the entertainment programming that follows it? How, if at all, have propaganda techniques changed from "Triumph of the Will" (a film made for Hitler more than 50 years ago) to contemporary political campaign spots? Why does the word "America" appear in so many commercial messages? Why does a dark blue suit carry authority, and why don't men wear high-heeled shoes? Questions such as these (and others that are even weirder) go to the heart of the politics of communication-the study of the many ways in which the daily sending and receiving of messages serves not only to tie us together but also to establish and maintain social relations of domination. This course examines these matters from a variety of different theoretical perspectives and with the aid of all the communicative resources that can be mustered, including speech, print, films, slides, and video.
Distribution II: SB
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-1-064
Class No 12142

ENERGY POLITICS **POLSCI 377**

An examination of the politics involved in the production and use of energy resources. Investigation of different sources of energy-coal, oil, natural gas, electricity, nuclear energy, and newer alternative energy resources-will provide the background to an exploration of the topics such as energy as a national security issue, the decline of OPEC, the Persian Gulf and the Iraq wars, and the changes in the international supply and distribution of energy.

3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 11549

MODERN IRANIAN POLITICS **POLSCI 377**

A survey analysis of politics and culture of the Islamic Republic of Iran, its foreign policy, and its nuclear capacity. An investigation of the Iranian revolution, its economic, religious, and social aspects, and its international consequences, will provide the background to understanding the recent surge in the perceived power of the Islamic Republic, its nuclear capacity, and the efforts of the international community under the leadership of the United States to contain and neutralize it.

3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 11550

Psychology

INTRODUCTORY PSYCHOLOGY **PSYCH 100**

A general survey of selected content areas in psychology, including personality and human development, physiological psychology, learning, intelligence, heredity and environment, and motivation and emotion.

Note: Students who have already earned credits for PSYCH 101 may not register for this course.
Distribution I: S
Distribution II: SB
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
MWF 12:30-1:20pm, W-1-060
Class No 6824

UMASS BOSTON CAMPUS
MWF 1:30-2:20pm, W-1-060
Class No 7007

COPLEY
Th 6:00-9:00pm
Class No 1121

INTRODUCTION TO BEHAVIORAL RESEARCH **PSYCH 201**

An introduction to the ways of discovering, describing, and making warranted assertions about aspects of people and social life. The chief objectives are 1) to help students develop the skills and knowledge necessary to become intelligent critics of research in the behavioral and social sciences, and 2) to give them a rudimentary understanding of the design and evaluation of scientific research. Statistical material is treated in a conceptual manner. Classroom work and course examinations concentrate equally on research design and research evaluation.

Prerequisite: PSYCH 100 or 101.
Distribution I: S
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-045
Class No 12557

PSYCHOLOGY OF CROSS-CULTURAL RELATIONS **PSYCH 234**

The course examines the nature and dynamics of intergroup relations within a multicultural context. Relations will be studied among diverse ethnic, racial and cultural groups in the United States and globally. The course will look at cross-cultural relations from an interdisciplinary perspective, discussing psychological and sociopolitical issues.

Prerequisite: PSYCH 100 or 101.
Distribution I: S
Diversity Area: US
3 Credits, Course fee: $687

COPLEY
M 6:00-9:00pm
Class No 12561

PERSONALITY **PSYCH 300**

Conceptions of human nature are examined in light of various theories of personality. This course focuses on the theories of Freud, Adler, Sullivan, Erikson, Kelly, Ego psychologists, and other theorists presenting the behavioristic and humanistic perspectives. Among the topics to be addressed are personality structure and its development; stress and coping; neurotic styles; and human motives and their measurement.

Prerequisite: PSYCH 100 or 101.
Distribution I: S
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-063
Class No 1123

SOCIAL PSYCHOLOGY **PSYCH 330**

A scientific attempt to understand and explain how the thought, feeling, and behavior of individuals are influenced by the actual, imagined, or implied presence of others; focuses on the drama of social interaction.

Prerequisite: PSYCH 100 or 101.
Distribution I: S
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-1-053
Class No 11551

THE PSYCHOLOGY OF LAW — PSYCH 339

This course provides a basic understsanding of the interaction between law and psychology, including developmental, social, and clinical psychology. Topics include rules of evidence, statistics in the court, child witnesses, eyewitness testimony, recovered memory, criminal investigatory practices, competence to stand trial, and constitutional rights of search and seizure.
Prerequisite: PSYCH 215 and 270
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-010
Class No 12562

THE FAMILY AND CHILD — PSYCH 341

This course explores human development from infancy to middle childhood, i.e., from childbirth to ages seven or eight. Major emphasis will be placed on early perceptual, cognitive, social and affective development bearing the following questions in mind: How does the world of space and objects appear to the infant? How does he or she acquire knowledge and discover reality? How does the child experience the world of people and develop a sense of self? How does the child develop attachments to others and what role is played by the significant people in his or her life?
Prerequisite: PSYCH 100 or 101.
Distribution I: S
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-054
Class No 6692

ADOLESCENCE — PSYCH 342

This course is designed to acquaint students with psychological characteristics of adolescent development, theoretical approaches to adolescence, and experimental studies of the causes of a variety of behaviors during adolescence. The course also focuses on major problems and characteristics of adolescents in modern society.
Prerequisite: PSYCH 100 or 101.
Distribution I: S
3 Credits, Course fee: $687

COPLEY
Tu 6:00-9:00pm
Class No 11552

PSYCHOLOGICAL TRAUMA: INDIVIDUAL AND SOCIETY — PSYCH 415

This course explores the theory, research, and phenomenology of response to such traumatic events as combat, rape, and concentration camp survival. It examines the normative psychological processes, common symptom picture, and the developmental, sociocultural, and personality factors that influence response. Discussions also focus on present and past controversies within the research, and on the personal, social, and professional implications of the material.
Prerequisite: PSYCH 215.
3 Credits, Course fee: $687

COPLEY
W 6:00-9:00pm
Class No 1126

Sociology

INTRODUCTION TO SOCIOLOGY — SOCIOL 101

The structure of society, cultural patterns, and group life. The individual and socialization, groups, institutions, social systems, and social change.
Distribution I: S
Distribution II: SB
3 Credits, Course fee: $687

BRAINTREE
Th 6:30-9:30pm
Class No 1132

COPLEY
Tu 6:00-9:00pm
Class No 1133

ONLINE COURSE
ONLINE
By arrangement
Class No 1134
Special course fee: $850

SOCIAL PROBLEMS — SOCIOL 160

A course concentrating on institutional formation and change. Specifically, it covers the definition and explanation of social problems, individual, group and governmental responses to them, implications of social policy, in-depth case studies, and discussion of contemporary social problems.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I Area: S.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
By arrangement
Class No 1135

SOCIAL DEVIANCE AND CONTROL — SOCIOL 261

This course examines the conditions and processes underlying social conformity and deviance. Discussion topics include social definitions of deviance, societal reactions to deviant behavior, deviant subcultures, and social control processes.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I: S
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-063
Class No 11543

CRIMINOLOGY — SOCIOL 262L

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
Prerequisite: SOCIOL 101 and CRMJUS major or minor.
Distribution I: S
Distribution II: SB
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-009
Class No 6694

SOCIETY AND THE INDIVIDUAL — SOCIOL 281

Basic survey of the social environment of individuals and its impact on psychological processes.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I: S
Distribution II: SB
3 Credits, Course fee: $687

COPLEY
Th 6:00-9:00pm
Class No 6695

FAMILY VIOLENCE — SOCIOL 316

This course seeks to help participants develop a critical understanding of force and violence within the family structure. Emphasis is on violence between spouses, and between children and parents; and on the prevalence, the character, and the causes of such violence. Topics also include society's reaction to family violence, and its policies of control and treatment; and the sexual abuse and exploitation of children and women.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-2-124
Class No 1136

RACE AND ETHNIC RELATIONS — SOCIOL 321L

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution II: SB
Diversity Area: US
3 Credits, Course fee: $687

COPLEY
W 6:00-9:00pm
Class No 1128

METHODS OF SOCIOLOGICAL RESEARCH — SOCIOL 351L

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
Prerequisite: SOCIOL 101.
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-009
Class No 1129

JUVENILE DELINQUENCY — SOCIOL 362

The nature and extent of delinquency. Consideration of theories, delinquent subculture, and programs for control and prevention.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

BRAINTREE
Tu 6:30-9:30pm
Class No 6696

CORRECTIONS — SOCIOL 363L

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern
treatment approaches.
Prerequisites: SOCIOL 101.
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-198
Class No 1130

DRUGS AND SOCIETY — SOCIOL 367

This course examines the social origins and consequences of the use and abuse of consciousness-altering substances (including alcohol). It considers how society defines and deals with drug use and assesses social harm, including such issues as addictions and health effects, drugs and crime, the legislation debate, and drug policy and enforcement.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution II: SB
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 1138

ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY — SOCIOL 368L

An in-depth interdisciplinary analysis of the nature, causes, and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
Prerequisite: SOCIOL 101.
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-054
Class No 1131

INTERNSHIP IN LAW AND CRIMINAL JUSTICE — SOCIOL 461L

This course provides an historical and sociological analysis of our state and federal court systems, and considers such issues as the rights of indigent defendants, the bail system, right to counsel, and the adversary nature of some proceedings. In addition to classroom work, students undertake supervised field placements in probation offices, parole boards, district attorneys' offices, and correctional programs.
6 Credits, Course fee: $1374

COPLEY
M 6:00-9:00pm
Class No 14549

UNDERSTANDING ILLEGAL IMMIGRATION: INTERNATIONAL PERSPECTIVE **SOCIOL 480**

This course provides a broad overview of some of the causes of illegal or unauthorized immigration in a variety of Western industrialized nations, including but not limited to, the US, Canada, Australia, England, France, and Germany. Students will be introduced to the legal history behind the concept of the "illegal alien" and the factors driving several different kinds of unauthorized migration, including economic migrants, political refugees, and persons fleeing natural disasters. Throughout the course, we will take a look at the common features and significant differences between these different experiences. We also explore literature that documents the impact unauthorized migration has on the host nation and the various policy solutions that have been proposed to deal with this very difficult and complex issue.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 12676

Spanish

CERTIFICATE PROGRAM: SPANISH COURT INTERPRETATION
See page 46.

CERTIFICATE PROGRAM: SPANISH/ENGLISH TRANSLATION
See page 46.

ELEMENTARY SPANISH I **SPAN 101**

Designed for students with little or no background in the Spanish language. Spanish 101 focuses on the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required.Students may not take both SPAN 101 and 105.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I: F
Distribution II: WL
4 Credits, Special course fee: $1080, Lab fee: $25

ONLINE
By arrangement
Class No 1139

ELEMENTARY SPANISH II **SPAN 102**

A continuation of Spanish 101. Spanish 102 focuses on furthering the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required. Students may not take both SPAN 102 and 106.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I: F
Distribution II: WL
4 Credits, Special course fee: $1080, Lab fee: $25

ONLINE
By arrangement
Class No 11556

BASIC SPANISH FOR COMMUNICATION I **SPAN 105**

A practical approach to the study of the Spanish language: carefully sequenced grammar within a communicative and cultural framework. Students may not take both SPAN 102 and 106.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I: F
Distribution II: WL
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-053
Class No 1142

Study of Religion

SOCRATES, JESUS AND BUDDHA **RELSTY 104**

A study of three great paradigmatic figures and the different ways of life and views of reality which they represented. Attention to the social-cultural contexts in which they emerged; critical evaluation of Socrates and Jesus as sources of Western values; and exploration of why the Buddha has recently become an attractive alternative.
Distribution I Area: P
Distribution II Area: HU
3 Credits, Course fee: $687

COPLEY
M 6:00-9:00pm
Class No 14615

SYMBOL, MYTH, AND RITUAL: CULTURAL STUDIES IN RELIGION **RELSTY 109**

This course studies myths, symbols, rituals, and other dimensions associated with religion. These dimensions, however, also appear outside religion-e.g., in popular movies, fashion, sports and music. The course will explore these "religious" dimensions as they appear in both arenas, by applying some major theories of religion (e.g., Freud, Durkheim and Eliade) as well as the tools of cultural analysis.
Distribution I: P
Distribution II: HU
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-2-127
Class No 6693

RELIGIOUS AND MULTICULTURAL THEMES IN FILM **RELSTY 280**

This course is an introductory consideration of some of the ways "authenticity" of religious and of multicultural themes have been represented in popular films. How these themes have been represented as either central or background concerns within a sampling of films will be discussed and critically analyzed. Major concerns within the course include: how films have reflected and contributed to normative as well as critical approaches to religious, political, and social beliefs and practices; how history can be re-envisioned through film; methodological approaches to visual literacy and visual theory; and, the significance of race, ethnicity, class, sexuality, and gender in film representations.
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-054
Class No 11554

Technical Education

The following courses are presented by the Center for Technical Education (CTE) at UMass Boston, and are designed for professionals seeking licensure as vocational-technical instructors, administrators and service providers in the state of Massachusetts.

CTE offers the seven courses that deliver all 21 required vocational-technical credits and three academic courses which provide nine of the required 18 academic course credits for licensure. Classes are held at off-campus locations including Lexington, Franklin, New Bedford, Plymouth and Wakefield, MA, as well as online.

For more information on the Center for Technical Education and licensure requirements, please contact Dr. Sumner Rotman at sumner.rotman@umb.edu or 617.287.7919. Additional program information can be found at ccde.umb.edu/tech.

TECHNICAL COURSE REQUIREMENTS

SEMINAR FOR THE BEGINNING VOCATIONAL-TECHNICAL TEACHER — OCC ED 218

This course prepares the new vocational-technical educator candidate for his/her first teaching assignment. The course will identify the characteristics of an effective teacher as will as provide some of the tools required by first year teachers to be successful. These include techniques for establishing effective classroom routines and procedures, student instruction and assessment, and for maintaining a positive classroom/laboratory climate that conveys high expectations. In addition, students learn to identify the elements of a course/program curriculum and learn how to develop a lesson plan, assign and grade homework and collaborate with colleagues to improve instruction, assessment and student achievement.
Required for state licensure.
3 Credits, Course fee: $687

ANDOVER
M 4:00-6:30pm
Class No 7068

FRANKLIN
W 3:00-6:30pm
Class No 7069

NEW BEDFORD
M 4:00-6:30pm
Class No 14504

PLYMOUTH
W 4:00-6:30pm
Class No 7066

WAKEFIELD
W 5:00-7:30pm
Class No 7067

ONLINE
By arrangement
Class No 7070
Special course fee: $850

MANAGING STUDENT BEHAVIOR AND CREATING A SAFE AND HEALTHY ENVIRONMENT — OCC ED 219

This course is designed to prepare vocational-technical teachers to organize an instructional area that is conducive to high quality learning in a healthy and safe environment. A variety of discipline concepts and strategies will be presented for application in the laboratory, related classroom and cooperative education sites. Current relevant OSHA and child labor law standards will be reviewed and plans for a comprehensive health and safety program will be developed.
Required for state licensure.
3 Credits, Course fee: $687

PLYMOUTH
M 4:00-6:30pm
Class No 7071

WAKEFIELD
M 5:00-7:30pm
Class No 12058

ONLINE
By arrangement
Class No 12060
Special course fee: $850

TEACHING METHODS FOR THE VOCATIONAL-TECHNICAL EDUCATOR: INSTRUCTIONAL STRATEGIES — OCC ED 220

This course provides vocational-technical teachers with a wide variety of research-based teaching methods and instructional strategies. Students in this course learn how to develop a unit of study and how instructional choices made by the vocational-technical educator are influenced by learning styles, motivation, and expectations. Students learn how to integrate vocational-technical and academic content by using a balanced instructional approach.
Required for state licensure.
3 Credits, Course fee: $687

FRANKLIN
M 3:00-6:30pm
Class No 12071

PLYMOUTH
W 4:00-6:30pm
Class No 12066

WAKEFIELD
Tu 5:00-7:30pm
Class No 12069

DEVELOPING AND IMPLEMENTING STANDARDS-BASED CURRICULUM IN VOCATIONAL-TECHNICAL EDUCATION — OCC ED 222

This course provides vocational-technical educator candidates with the knowledge of the elements of a quality curriculum. Students learn how to develop a vocational technical curriculum and a competency-based student reporting system that incorporates the standards and performance indicators of the Academic and Vocational-Technical Curriculum Frameworks. It is one of the courses required to obtain licensure as a vocational technical educator in Massachusetts.
Required for state licensure.
3 Credits, Course fee: $687

PLYMOUTH
W 6:30-9:00pm
Class No 7289

ONLINE
By arrangement
Class No 12064
Special course fee: $850

TEACHING METHODS IN VOCATIONAL-TECHNICAL EDUCATION USING RESEARCH-BASED STRATEGIES — OCC ED 223

This course provides vocational-technical teachers with an understanding of how learning styles as well as issues of language and disability impact instruction and learning. Vocational-technical educator candidates will learn to develop a teaching unit that focuses on readiness assessment, use of learning styles, attention to whole brain teaching, interpersonal skills, knowledge, and skill assessment.
Required for state licensure.
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 12074

ADDRESSING THE NEEDS OF STUDENTS WITH DISABILITIES IN VOCATIONAL-TECHNICAL EDUCATION — OCC ED 224

This course provides Vocational-Technical teachers with an overview of the Federal and State Special Education Laws and Regulations and how they are implemented in schools in Massachusetts. Students learn the elements of the Individual Education Plan (IEP), the roles of special and general educators, how to design curriculum and instruction using the information on the IEP, and how to modify their related classrooms to accommodate students with disabilities.
Required for state licensure.
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 12076

ACADEMIC COURSE REQUIREMENTS

BASIS OF LIFE — BIOL 101

The uniqueness of life within the physical universe. The matter and energy of life, the genetic code, molecular biology, and the origin and evolution of human life. An overview for students in the humanities and social sciences of those features which distinguish living organisms from non-living things. No background in the natural sciences is required.
Recommended for state licensure. By permission of instructor.
3 Credits, Course fee: $687

LEXINGTON
Tu 3:30-6:00pm
Class No 13873

FRESHMAN ENGLISH — ENGL 101

English 101 is an introductory course in critical reading and writing that prepares students for working with the complex texts and ideas they will find in their college studies. English 101 teaches students to discover and shape their own perspectives in dialogue with challenging readings. Through carefully sequenced assignments, students are guided through various processes for constructing academic essays that may include journal writing, glossing texts, discussing student papers in class, peer reviewing, and especially revising. Readings and materials vary from section to section.
Recommended for state licensure. By permission of instructor.
3 Credits, Course fee: $687

FRANKLIN
Tu 3:00-5:30pm
Class No 13878

COLLEGE ALGEBRA — MATH 115

Designed primarily but not exclusively for students seeking a stronger foundation in algebra before taking MATH 129 or MATH 130. Topics include basic algebra concepts, linear equations and inequalities and inequalities, properties of functions, linear and quadratic functions, absolute value equations and inequalities, systems of equations.
Prerequisite: MATH 125 or appropriate scores on the Math Placement Test.
Recommended for state licensure. By permission of instructor.
3 Credits, Course fee: $687

FRANKLIN
Th 3:15-5:45pm
Class No 13881

Women's Studies

WOMEN AND SOCIETY — WOST 100

An introductory, interdisciplinary course recommended as a first course in women's studies. Through lectures, readings, and discussions, students examine the origins of women's oppression; female and male sex roles; marriage and the family; women workers at home and in the labor force. Students relate the course material to experiences in their own lives. Preference given to first and second year students.
Distribution I: S
Distribution II: SB
Diversity Area: US
3 Credits, Course fee: $687

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-2-127
Class No 1145

EDUCATING WOMEN — WOST 240

This course studies the lives and ideas of women in the US who have been educators and activists in struggles for equality in, and transformation of, education. Central themes include how women students learn; education as a means of self-realization and empowerment for women in different ethnic, race, and class contexts; how gender affects experiences in educational institutions.
Distribution I: H
Diversity Area: US
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 6697

WOMEN'S HEALTH CARE — WOST 260

This course focuses on women's concerns in relation to health. Topics include health issues unique to women (such as birth control, pregnancy, childbearing); nutrition; occupational health; health and aging; women as health workers; and the history, activities, and influence of the women's health movement. There is no prerequisite, but WOST 100 is recommended.
Distribution I: S
3 Credits, Special course fee: $850

ONLINE
By arrangement
Class No 1147

GRADUATE COURSES

Applied Linguistics

DEGREE PROGRAM: MA IN APPLIED LINGUISTICS (ESL/FL PEDAGOGY CONCENTRATION)

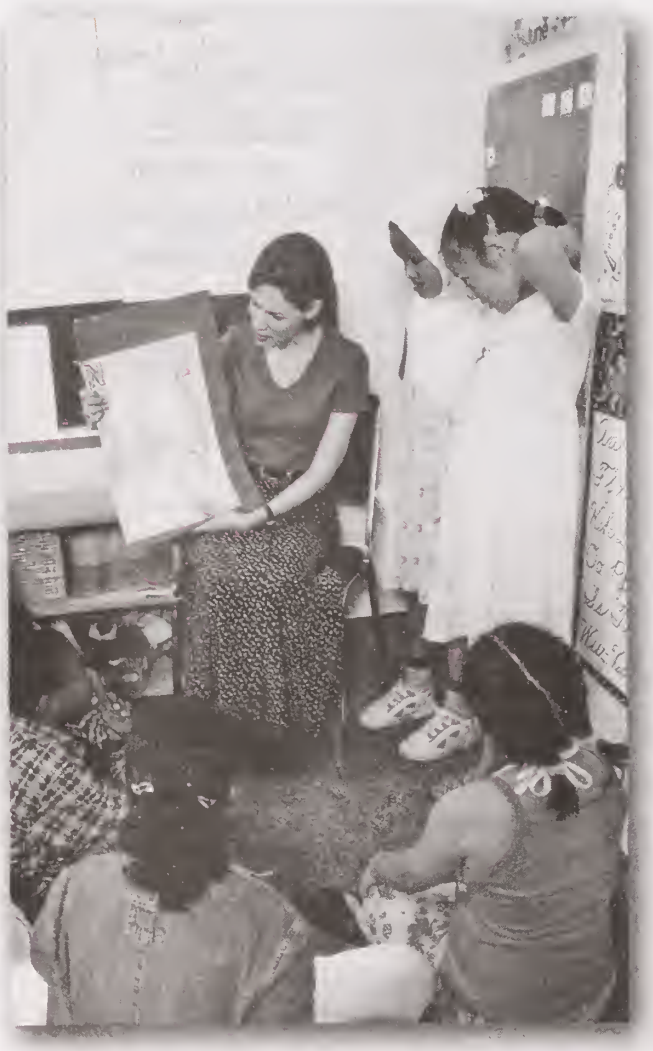
See page 43.

WRITING THEORIES IN SECOND LANGUAGE INSTRUCTION **APLING 669L**

This course will consider the key issues in writing theory, research, and pedagogy as they are specifically related to writing in a second language. It will introduce students to the existing research and developing theories on the composing process and examine, critique, and evaluate current and traditional theories and practices by exploring the ways in which theory and research can be translated into instruction.
3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE
By Arrangement
Class No 14534



Critical and Creative Thinking

CERTIFICATE PROGRAM: CREATIVE THINKING AT WORK

See page 47.

CRITICAL THINKING **CRCRTH 601**

This course explores issues about the nature and techniques of critical thought, viewed as a way to establish a reliable basis for our claims, beliefs, and attitudes about the world. We explore multiple perspectives, placing established facts, theories, and practices in tension with alternatives to see how things could be otherwise. Views about observation and interpretation, reasoning and inference, valuing and judging, and the production of knowledge in its social context are considered. Special attention is given to translating what is learned into strategies, materials, and interventions for use in students' own educational and professional settings.
Prerequisite: Graduate degree students only.
3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE
By arrangement
Class No 6666

CREATIVE THINKING, COLLABORATION AND ORGANIZATIONAL CHANGE **CRCRTH 618**

Through interactive, experiential sessions and structured assignments students learn critical and creative approaches to working in organizations. Skills addressed include: communication and team-building; facilitation of participation and collaboration in groups; promotion of learning from a diversity of perspectives; problem-finding and solving; and reflective practice. Students apply these skills to situations that arise in business, schools, social change groups, and other organizations with a view to taking initiative and generating constructive change.
3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE
By arrangement
Class No 6667

INDEPENDENT STUDY **CRCRTH 696**

This course involves the comprehensive study of a particular topic or area of literature determined by the student's need; the study is pursued under the guidance, and subject to the examination, of the instructor. An application or outline of study should be submitted to the instructor by the end of the semester previous to that in which this course is to be taken.
1 Credit, Course fee: $320

UMASS BOSTON CAMPUS
By arrangement
Class No 6812

Dispute Resolution

CERTIFICATE PROGRAM: DISPUTE RESOLUTION
See page 48.

CONFLICT RESOLUTION SYSTEMS FOR ORGANIZATIONS **DISRES 625**

This course examines different systems for managing conflict. The system may exist in a large corporation, or between two or among many nations, between labor and management, or within a family. The system may be explicit and clear, informal and invisible, or both. The system may be effective or not. The course explores different kinds of conflict management systems and criteria for measuring their effectiveness; and discusses the analysis and design of dispute managing systems.
3 Credits, Special course fee: $1120

ONLINE COURSE
ONLINE
By arrangement
Class No 14547

Education: Applied Behavior Analysis

CERTIFICATE PROGRAM: APPLIED BEHAVIOR ANALYSIS
See Page 47.

Education: Boston Writing Project

TEACHER AS WRITER **BWPEDU 501**

Teachers of writing need to first be writers themselves. In this course teachers write and meet in response groups to give and receive feedback for revision. Reflecting on their own experiences as writers, participants then develop new approaches for teaching and conferring with student writers.
3 Credits, Course fee: $960

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-2-125
Class No 11912

WRITING IN THE CONTENT AREAS **BWPEDU 510**

This course is designed to address teachers' growing need to teach writing in specific disciplines. Participants will examine developmental learning theory connecting writing and learning, improve their own writing skills, and learn effective practices for teaching writing. Through journals, writing prompts, and reader response methods, participants will integrate theories with practice. They will examine assessment and evaluation methods for measuring students' progress. Applying their knowledge of the Massachusetts Curriculum Frameworks, they will work on interdisciplinary teams to design units of study that reflect the needs of their school contexts and state standards.
3 Credits, Course fee: $960

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-2-124
Class No 11913

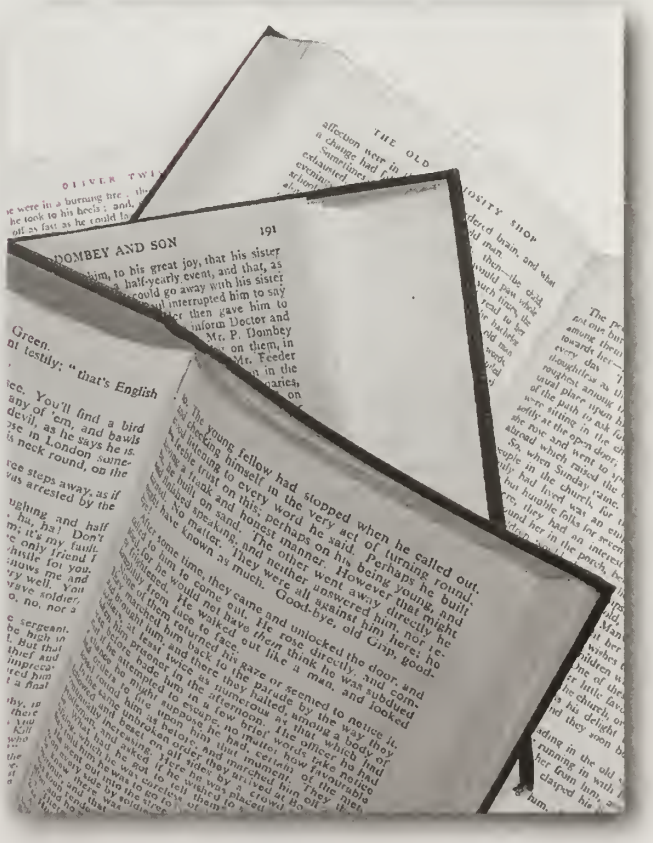
Education: Teacher Education

CERTIFICATE PROGRAM: INSTRUCTIONAL TECHNOLOGY FOR EDUCATORS
See page 49.

COMPUTERS, TECHNOLOGY, AND EDUCATION **EDC G 610**

An introduction to using computers and technology in education. The various uses of computers and technology in education are examined in depth as participants are introduced to a wide variety of K-12 educational software and the Internet, and explore the pedagogical issues raised by the use of computers for students, teachers, and school administrators. These include the consequences for learning; problem solving; organizing data; creativity; and an integrated curriculum. Finally, the course looks at ways in which technology may be used as a tool to facilitate changes in the ways teachers teach and students learn, and ultimately to stimulate reform in education. The course has a field component where students observe computers being used in the classroom.
Prerequisite: Graduate Education students only. Students in the following (sub)plans must obtain permission of instructor: SPED MEd w/o Licensure, MEd w/Initial Licensure, MEd w/Prof Licensure, or Certificate w/Prof Licensure.
3 Credits, Special course fee: $1120, Lab fee: $10

ONLINE COURSE
ONLINE
By arrangement
Class No 11922



Gerontology

DEGREE PROGRAM: MS IN GERONTOLOGY (MANAGEMENT OF AGING SERVICES TRACK)
See page 44.

CERTIFICATE PROGRAM: MANAGEMENT OF AGING SERVICES
See page 48.

SOCIAL ASPECTS OF AGING **GERON GR 621**

This course presents a social perspective on the aging process. It considers social factors that influence aging and the nature of the integration of the aged into society, as well as the way in which population aging affects the society as a whole. The course also looks at social theories of aging, paying special attention to changing social roles, social stratification and aging, and the development of institutions for the aged. Gender, race, ethnicity, and class are discussed as social categories that influence aging and that play a role in the determination of social policy for the aged. Readings on the status, role, and culture of the aged are drawn from the literature of sociology, economics, and anthropology.
3 Credits, Special course fee: $1120

ONLINE
By arrangement
Class No 13893

ISSUES IN AGING POLICY **GERON GR 623**

This course introduces students to the development, implementation, and analysis of social policy in the United States on major issues affecting older people. Income security, health care financing, and long-term care receive major attention. Discussions also focus on the programs mandated by the Older Americans Act; and participants examine the major normative, demographic, economic, and political forces that underlie aging policy.
3 Credits, Course fee: $960

UMASS BOSTON CAMPUS
Tu 6:00-9:00pm, TBA
Class No 6813

SERVICE DELIVERY ISSUES IN AGING **GERON GR 650**

This course focuses on the links between consumers and aging services in organizational settings with well-developed formal services. The aim of the course is to provide students with an understanding of the structural problems that underlie the challenges that consumers face in using formal services. The course will cover a wide range of services that older people may need, the complementary relationship between formal and informal services, boundary issues among service specialities and service professionals, service coordination and integration, and the role of both consumer direction and professional case management in negotiating service systems.
3 Credits, Special course fee: $1120

ONLINE
By arrangement
Class No 6268

ORGANIZATION AND FINANCING OF AGING SERVICES **GERON GR 660**

The influences of organizational and financial forces upon aging services are analyzed in this course. Various public (federal and state) and private sources of funding are considered. Three sources of public financing-Medicare, Medicaid, and the Older Americans Act-are examined in depth. The relative strengths of public and private funding are examined with attention to both access and quality issues. The implications of both the financing and organizational forces are considered for several major service modalities, including nursing homes, assisted living, home care, and adult day care.
3 Credits, Course fee: $960

UMASS BOSTON CAMPUS
S 9:00am-12:00pm, TBA
Class No 6814

HUMAN RESOURCES AND PERSONNEL MANAGEMENT IN AGING SERVICES **GERON GR 670**

This course is designed to familiarize students with the concepts of human resources management as they are applied tin primarily public, non-profit settings. In particular, the course will focus on human resources and personnel management as applied to the aging services field. The examples used in the course will come from organizations such as nursing homes, assisted living facilities, home health agencies, senior centers and councils on aging. Issues to be addressed will include hiring and supervision, performance appraisal, mentoring, career planning, equal employment opportunity, diversity and collective bargaining. Students will examine job design and pay systems, methods of personnel selection and training, issues of productivity and work hours, team building, effects of government regulations on working conditions and personnel administration.
3 Credits, Special course fee: $1120

ONLINE
By arrangement
Class No 6799

ORGANIZATIONAL THEORY, BEHAVIOR AND AGING SERVICES — GERON GR 675

This course examines the evolution of organizational theory from early principles to current approaches and practices. Students will learn about the structure of organizations including internal and external forces. The course will also explore the current structure of aging services organizations in Massachusetts. Students will research the various levels of aging services organizations and their relationships with federal, state and local government agencies and with other local organizations.

3 Credits, Special course fee: $1120

ONLINE
By arrangement
Class No 6800

Instructional Design

DEGREE PROGRAM: MEd IN INSTRUCTIONAL DESIGN

See page 44.

CERTIFICATE PROGRAM: INSTRUCTIONAL TECHNOLOGY DESIGN

See page 49.

INTRODUCTION TO INSTRUCTIONAL DESIGN — INSDSG 601

This course provides an introduction to the cognitive and experiential content of the program, emphasizing the components of the instructional design model. Various instruction design models are analyzed and students are expected to complete, as a final project a learning module micro-design.

3 Credits, Course fee: $960

UMASS BOSTON CAMPUS
Th 7:30-9:50pm, W-1-010
Class No 6674

ONLINE
By arrangement
Class No 6672
Special course fee: $1120

THE ADULT AS LEARNER — INSDSG 602

Students are introduced to the body of knowledge concerning adults as learners. This course focuses on the principles of adult education, learning styles, variables that affect adult learning, motivation techniques, appropriate training methodologies, reinforcement of learning, skill transfer, and measurement procedures for identifying learner characteristics.

3 Credits, Course fee: $960

UMASS BOSTON CAMPUS
Th 5:00-7:20pm, H-LL-019
Class No 6673

INFORMATION DESIGN AND VISUAL LITERACY — INSDSG 608

In this course, students explore the principles of visual literacy and apply them to a variety of instances in instructional design, instructional technology, and information presentation. Topics include the theoretical foundations of visual learning, the role of perception in communication and learning, verbal and visual communication, and visual and information design.

Prerequisite: INSDSG 601.
3 Credits, Course fee: $960

UMASS BOSTON CAMPUS
Tu 7:30-9:50pm, H-LL-019
Class No 6675

ADVANCED COMPUTER-BASED TRAINING — INSDSG 617

This course builds on the students' basic knowledge of creating courseware and multimedia. They learn techniques of advanced scripting (HyperTalk) and multimedia presentation; ways to integrate text, graphics, animation, sound and motion video into CBT and multimedia products; and methods of developing student tests and student tracking systems. The course is project-based: students work in teams to design, make prototypes, and produce simple CBT or multimedia programs.

Prerequisite: INSDSG 616.
3 Credits, Special course fee: $1120

ONLINE
By arrangement
Class No 1046

ASSESSMENT IN THE INSTRUCTIONAL DESIGN PROCESS — INSDSG 618

This course examines assessment in all phases of the instructional design process including needs analysis and the various stages of formative and summative evaluation. Topics include various types of data, techniques for data gathering, the construction of such instruments as questionnaires, a hands-on review of computer programs, and characteristic issues in the analysis and interpretation of assessment. The course also offers practical experience in the use of representative measures and applications.

Prerequisite: INSDSG 601 and graduate degree student.
3 Credits, Special course fee: $1120

ONLINE
By arrangement
Class No 6677

INTERPERSONAL SKILLS AND GROUP DYNAMICS — INSDSG 620

This course introduces students to the body of knowledge governing interpersonal, intrapersonal, and public communication. Through readings and laboratory method, students learn human relations skills for effectiveness in personal and career situations. The course covers topics including perception, listening, conflict resolution, and group dynamics.

Prerequisites: INSDSG 601 and graduate degree student.
3 Credits, Course fee: $960

UMASS BOSTON CAMPUS
Th 7:30-9:50pm, H-4-0031
Class No 6678

MANAGING THE TRAINING FUNCTION — INSDSG 630

This course focuses on the requirements for successfully managing an organization's training function. Areas of concentration include building a training department; managing change and stress; delegating; communicating performance expectations; winning management support; and long-range planning. Classes include small and large group instruction, video, participatory exercises, and case studies.
Prerequisite: INSDSG 601 and graduate degree student.
3 Credits, Course fee: $960

UMASS BOSTON CAMPUS
Tu 5:00-7:20pm, H-LL-019
Class No 6679

ASSESSMENT OF EDUCATIONAL TECHNOLOGIES — INSDSG 650

This course on formative and summative evaluation brings the students' practical experience in computers and multimedia together with the study of the ways these technologies get used in the classroom. Students examine the formative evaluation process for technology-based programs in corporate training programs and school curricula. By obtaining feedback from representatives of the target audience in the early stages of a product's development, the developer can assure that it meets goals while staying within its budget. Formative evaluation plans are now required by most funding sources and corporations. Summative evaluation-the evaluation of an educational product at the end of its development process-is a way to determine whether the project has met its goals. Students learn to apply these assessment procedures in a project based on a real-world application.
Prerequisite: INSDSG 601 and graduate degree student.
3 Credits, Course fee: $960

UMASS BOSTON CAMPUS
Th 5:00-7:20pm, H-LL-016
Class No 1047

ONLINE COURSE
ONLINE
By arrangement
Class No TBA
Special course fee: $1120

CAPSTONE SEMINAR — INSDSG 690

The course provides guidance and a structured environment in which students develop advanced instructional design skill in the context of their capstone project. Based on the nature and complexity of the students' projects, the course deals with such topics as: component display analysis; needs assessment data, analysis and reporting techniques; cognitive flexibility theory; competencies modeling; and self-directed/learner-centered strategies. Students who have completed eight or more requirements for the Instructional Design MEd should enroll in this course.
By permission of the department.
3 Credits, 3 Credits, Course fee: $960

UMASS BOSTON CAMPUS
By arrangement
Class No 1048

ONLINE COURSE
ONLINE
By arrangement
Class No 11911
Special course fee: $1120

INDEPENDENT STUDY — INSDSG 696

The comprehensive study of a particular topic or area in instructional design, as determined by the needs of the individual student. The student works under the guidance and supervision of the instructor.
By permission of the department.
3-6 Credits, Course fee: $1120

UMASS BOSTON CAMPUS
By arrangement
Class No 6680

INTERNSHIP — INSDSG 698

The internship is a culminating experience in which the student assumes responsibility for an instructional design and technology project. The student works under the guidance and supervision of both the instructor and the organization for which the project is to be done.
3-6 Credits, Course fee: $1120
Prerequisite: Permission of Graduate Program director.

UMASS BOSTON CAMPUS
By arrangement
Class No 7095

Nursing

CERTIFICATE PROGRAM: GERONTOLOGICAL/ADULT & FAMILY NURSE PRACTITIONER (POST-MASTER'S CERTIFICATE)

See page 48.

ADVANCED PATHOPHYSIOLOGY — NURSNG 614

This course focuses on the analysis, interpretation, and evaluation of pathophysiological processes throughout the lifespan. Relevant research is integrated into evidenced-based nursing practice.
3 Credits, Special course fee: $1120

ONLINE COURSE
ONLINE
By arrangement
Class No 7179

ADVANCED HEALTH ASSESSMENT — NURSNG 615

This course focuses on the development of advanced practice nursing skills in health assessment for urban populations. Concepts, theories, and research on human development, anticipatory guidance, prevention, and early detection of risk factors and disease are emphasized. Critical thinking, diagnostic reasoning, and communication skills are developed through practice with case guide vignettes and simulated practice experiences specific to the student's area of advanced practice nursing in the college laboratory.
3 Credits, Special course fee: $1120, Lab fee: $55

ONLINE COURSE
ONLINE
By arrangement
Class No 12083

THE ROLE OF THE ADVANCED PRACTICE NURSE — NURSNG 631

The historical development, scope, and functional roles of the advanced practice nurse are analyzed. Students examine the dynamic relationships among professional organizations, health care trends, and health care policy as they influence the need for advanced practice nursing. Emphasis is placed on acquiring the knowledge and skills to assume leadership roles in the health care system. Related health professions theories, research, and opportunities for implementing changes are emphasized. Critical thinking, group dynamics, leadership skills, and role of the APN as educator are studied and modeled in classroom experiences and course assignments.

3 Credits, Special course fee: $1120

ONLINE
By arrangement
Class No 13875

PHARMACOLOGY FOR ADVANCED PRACTICE NURSES — NURSNG 634

The course focuses on the role of advanced practice nurses in applying pharmacotherapeutics to the management of health and illness in populations at risk for morbidity and mortality. Students acquire advanced knowledge as a foundation for prescribing and monitoring pharmaceutical and alternative therapeutic agents. Emphasis is placed on synthesis of pharmacokinetics and pharmacodynamics principles for the prevention and treatment of acute and chronic illnesses. Evidence-based outcomes, consensus guidelines, and research studies are critiqued. Ethical, legal, and risk-management issues are discussed.

Prerequisite: Permission of program director.

3 Credits, Special course fee: $1120

ONLINE
By arrangement
Class No 1110

PRIMARY CARE OF ADULTS — NURSNG 639

Students examine the nursing and health related theory and research applied to the primary care management of adults with episodic and chronic illness. Diagnostic, therapeutic, and pharmacological regimens are examined. Legal, ethical, and health policy issues that impact the delivery of primary health services are integrated. Continued emphasis is placed on developing social cultural sensitivity to the variations in health care needs of urban populations.

Prerequiste: Permission of program director.

3 Credits, Special course fee: $1120, Lab fee: $25

ONLINE
By arrangement
Class No 1111

PRIMARY CARE OF THE FAMILY PRACTICUM II — NURSNG 680

Family nursing theory and research are further integrated as students develop competencies in their role as family nurse practitioner. Under the supervision of nurse practitioners and faculty, students manage and coordinate primary care for multicultural urban families experiencing a continuum of health promotion, episodic, and chronic illness problems. The diagnostic, therapeutic, evaluative, consultative, and teaching functions of the nurse practitioner role are examined within a professional, ethical and legal framework. Skills in collaborative interdisciplinary practice are emphasized. Seminar discussions include an exploration of the health policy issues that influence the delivery of health care to underserved urban families and communities.

6 Credits, Special course fee: $2240, Lab fee: $55

ONLINE
By arrangement
Class No 1112

Public Affairs

CERTIFICATE PROGRAM: WOMEN IN POLITICS AND PUBLIC POLICY

See page 49.

UNDERSTANDING PUBLIC POLICY — PAF G 697

This introductory course examines the formulation, implementation, and impact of public policy (the 'nuts and bolts') as well as values and principles that influence policy debates in the United States. This course is designed for those seeking to expand their understanding of public policy issues through peer-to-peer activities that will help develop key policy-related skills and competencies in a highly interactive learning environment. Using case studies in addition to foundational readings, we will focus on several major policy areas with an emphasis on social welfare issues including health care, education, and economic security. We will also explore the significance of race, gender and social class in the practice of politics and policymaking. Several fundamental questions will guide our exploration: What is the role of government in American society? What are key elements of public policy processes at local, state and national levels? How do values and principles impact public policy debates? How can individuals and groups effectively influence policy formation? To what extent is the policy process open, fair and democratic? How do race, gender and social class figure into politics and policymaking?

3 credits, Special course fee $1120; $50 registration fee

ONLINE
By arrangement
Class No 14509

Spanish

CERTIFICATE PROGRAM: TEACHING OF SPANISH

See page 49.

THEORIES, METHODS, AND PRACTICES IN THE TEACHING OF SPANISH AS A FOREIGN LANGUAGE **SPAN 501**

This course is specifically designed for pre-service and in-service teachers. It will provide an overview of second-language acquisition theory as well as an in-depth study of current foreign language methodology as it applies to the teaching of Spanish in middle school and high school environments. The philosophy of this methodology centers on the use of language in meaningful contexts for real-world communicative purposes. It is firmly grounded in the National Standards for Foreign Language Learning and the Massachusetts Curriculum Frameworks for Foreign Languages. Students will gain practice in evaluating textbooks, writing lesson plans, and designing instructional units, as well as in classroom management procedures.

3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE
By arrangement
Class No 12085

A LINGUISTIC PERSPECTIVE ON VARIATION IN THE SPANISH LANGUAGE **SPAN 520**

This course, taught in Spanish with occasional readings in English, is specifically designed for pre-service and in-service teachers of Spanish. It will examine the main Spanish-language variants of today's Spanish-speaking worlds and the grammatical traditions of Spanish. The course presents accessible research on fundamental problems of Spanish grammar that teachers deal with on a daily basis. Topics include the origin of differences among variants of Spanish, what is good and what is bad in spoken Spanish, and how various historical times answered this question, with far-reaching implications for language-teaching and specifically for the teaching of Spanish.

3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE
By arrangement
Class No 12086

Technical Education

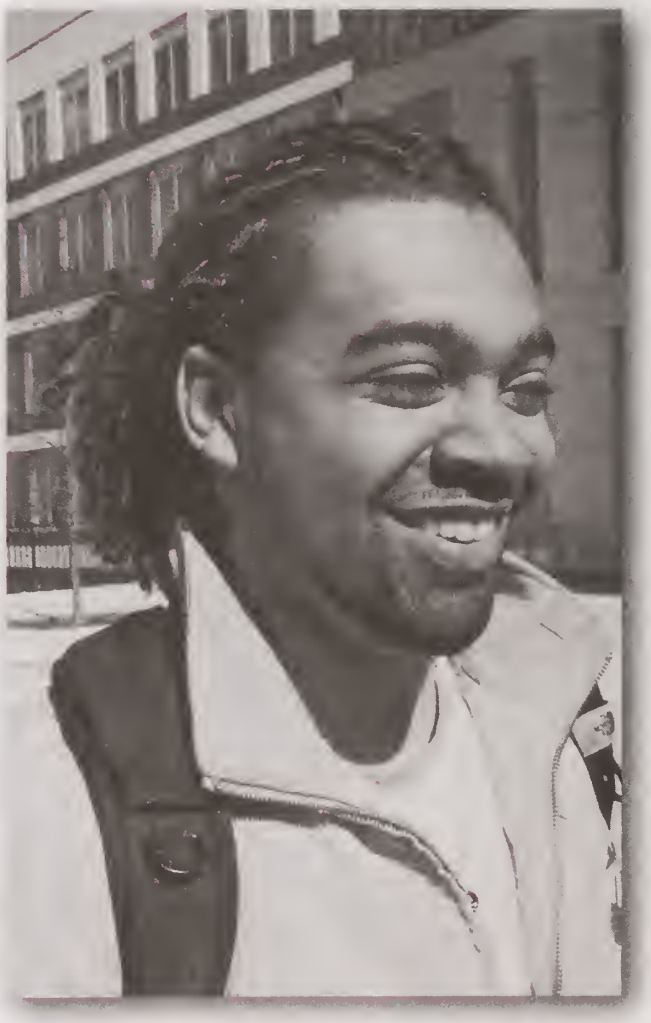
WEB DESIGN FOR EDUCATORS **PRFDVL 5V06**

One of the most important innovations in recent years for educators has been the Internet. The ability to locate and reference resources from the World Wide Web is allowing teachers to gather and infuse information in ways that were unheard of a decade ago. This course is designed to instruct educators in Web site design through an understanding HTML and the Web editing package, Dreamweaver. Teachers will learn not only how to create Web pages, but also how to develop a site that will support the educational frameworks of their disciplines.

3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE
By arrangement
Class No 12077



Online Courses

Our online courses have been developed by UMass Boston faculty and use the WebCT Vista course management system.

A list of online courses available this fall can be found on page 12. Descriptions and schedule information for these courses are available in the main course listings on pages 14-40 where online courses are marked with the symbol at left.

You can register for these courses just as you would for any other credit course, using the registration form on page 60, following the instructions on page 3; if you register by mail or fax, please be sure to clearly print your email address.

Registered online students will receive a confirmation of registration in the mail AND a notification about a week before the course is due to start, giving password, Login ID and location of the login gateway website. This notification will come as an email to the account given at registration.

Our online courses mostly follow a thirteen-week schedule. More information can be found in the Academic Calendar (inside front cover).

As an enrichment of the online learning experience, each of these courses will include either two on-campus class meetings or two synchronous chat sessions, to be scheduled at the convenience of the students and instructor. Students unable to attend will be given alternative opportunities.

Please be sure to read information about online learning at ccde.umb.edu/dl.

FURTHER INFORMATION

If you need further information about UMass Boston online courses, contact Kitty Galaitsis (617.287.7918; katharine.galaitsis@umb.edu) or visit ccde.umb.edu/dl.

Videoconferencing (ITV) Courses

These courses are offered in a videoconferencing format, by which students at remote sites may participate in a lecture class via real-time two-way video, with the technical assistance of UMass Boston's Video Production/ Distance Learning Center. If your organization is interested in having courses delivered to a remote location by videoconferencing technology, please contact Kitty Galaitsis (617.287.7918; katharine.galaitsis@umb.edu).

Online Degree and Certificate Programs

Several of our degree and certificate programs can be completed entirely or primarily through online study, including the following:

DEGREE PROGRAMS

- MA in Applied Linguistics, ESL & FL Pedagogy Concentrations
- MS in Family Therapy Counseling
- MS in Mental Health Counseling
- MS in Rehabilitation Counseling
- MEd in School Guidance Counseling
- MS in Gerontology (Management of Aging Services Track)
- MEd in Instructional Design
- BS in Nursing for Registered Nurses
- Online Degree Completion Program (BA in Community Studies)

UNDERGRADUATE CERTIFICATES

- Community Media and Technology
- Fundamentals of Information Technology

GRADUATE CERTIFICATES

- Adapting Curriculum Frameworks for All Learners
- Critical & Creative Thinking (Focus on Creativity at Work)
- Gerontological/Adult and Family Nurse Practitioner (NP) Post Master's Certificate
- Gerontology (Focus on Management of Aging Services)
- Instructional Technology Design
- Instructional Technology for Educators

PROFESSIONAL TRAINING PROGRAMS (NON-CREDIT)

- Alcohol/Chemical Dependency Treatment Services
- Human Resource Management
- Project Management
- Urban Landscape & Garden Development

Further information about these programs is available on pages 50-52.

More Online Learning Opportunities: umassonline.net

Online courses from throughout the University of Massachusetts system can be accessed through UMassOnline, your gateway to the UMass world of excellent and affordable online education. For more info, please visit: umassonline.net.

Each of the undergraduate and graduate programs described on pages 43-49 leads to a degree or certificate granted by one of the University's colleges. The requirements for these programs can be fulfilled either entirely or in part through courses offered by the Division of Corporate, Continuing and Distance Education.

These degree and certificate programs serve a multitude of needs for a variety of participants: undergraduate and graduate students, working professionals who need to update or expand their qualifications, and those seeking to pursue a new career path.

Please note that students enrolling in a UMass Boston degree or certificate program pay a one-time Combined New Student Fee of $345.

FINANCIAL AID SERVICES

Through UMass Boston's Office of Financial Aid Services, grants, loans and part-time employment are available to eligible students enrolled in degree and approved certificate programs. Applicants are encouraged to apply early, as funds are limited. Once an application for aid is submitted at www.fafsa.ed.gov, each applicant is considered for all forms of aid available through Financial Aid Services.

All eligible students are considered fairly and equally, without regard to race, color, sex, age, religion, national origin, sexual orientation, disability, or veteran status.

For more information about Financial Aid Services at UMass Boston, please go to our web site at

www.umb.edu/students/financial_aid/index.html.

For information about employment opportunities for students, please refer to

www.umb.edu/students/employment/.

DEGREE PROGRAMS

- MA in Applied Linguistics - ESL & FL Pedagogy Concentrations
- MS in Family Therapy Counseling
- MS in Mental Health Counseling
- MS in Rehabilitation Counseilng
- MEd in School Guidance Counseling
- MS in Gerontology (Management of Aging Services Track)
- MEd in Instructional Design
- BS in Nursing for Registered Nurses
- Online Degree Completion Program (BA in Community Studies)

UNDERGRADUATE CERTIFICATES

- Community Media and Technology
- Fundamentals of Information Technology
- Geographic Information Technologies
- Human Service Practice
- Spanish Court Interpretation
- Spanish/English Translation

GRADUATE CERTIFICATES

- Adapting Curriculum Frameworks
- Applied Behavioral Analysis
- Critical & Creative Thinking (Focus on Creativity at Work)
- Database Technology
- Dispute Resolution
- Forensic Services
- Gerontology (Focus on Management of Aging Services)
- Gerontological/Adult and Family Nurse Practitioner
- Instructional Technology Design
- Instructional Technology for Educators
- Orientation and Mobility
- Teaching of Spanish
- Teaching of Writing
- Women in Politics and Public Policy

DEGREE PROGRAMS

MA in Applied Linguistics: English as a Second Language & Foreign Language Pedagogy Concentrations

AVAILABLE ONLINE

This 30-credit program focuses on the acquisition of English as a second or subsequent language, as well as cross-cultural relationships and interethnic communication. Its interdisciplinary core curriculum includes courses in basic and contrastive linguistics, psycholinguistics, sociolinguistics and cross cultural perspectives, together with courses on teaching methodology for elementary, secondary, and adult education programs. The on-line program will offer a minimum of four courses each semester. Because students' day and time constraints are not an issue for on-line teaching, those offerings will allow students to complete within four semesters of matriculation the ten courses required for the degree. Thirty graduate units are required of all degree candidates.

For more information, call 617.287.6000 or email enrollment.info@umb.edu.

MS in Family Therapy Counseling

AVAILABLE ONLINE

The Online MEd program in Family Therapy is committed to a vision of strengthening healthy families by preparing ethical and qualified professionals who embrace an inclusive perspective of interconnected systems. The curriculum is comprised of basic professional counseling content and theory and provides a comprehensive framework for learning family therapy. It meets the academic and clinical requirements for accreditation from the Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE). The courses lead students to view families as entities within larger social systems and promote collaborative, inclusive, and integrative systems approaches. The curriculum offers students in the family therapy track an optimal perspective for supporting individuals, families, and communities in urban environments, and provides them with a framework for developing skills to facilitate dialogue with marginalized individuals, families, and communities. Courses are completed online over a 3-year period; during the second summer, two on-campus courses are completed, lasting two weeks.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MS in Mental Health Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in Mental Health Counseling primarily online. It is a 60-credit master's which meets the academic requirements for licensure in the state of Massachusetts as a Mental Health Counselor (there are additional post graduate clinical experience requirements for licensure). Students complete a series of general counseling courses and courses specific to mental health counseling. In addition, students complete field experiences in mental health settings through practicum and internship. The field experiences may be completed in local agencies of program students and they will be supervised via conference calls and online chats.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MS in Rehabilitation Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in Rehabilitation Counseling primarily online. It is a 60 credit master's which meets the academic requirements for national certification as a Certified Rehabilitation Counselor. The Program is nationally accredited through the Council on Rehabilitation Education. Students must attend a two week session in late June and early July where they take two clinically based courses. Also, students complete a series of general counseling courses and courses specific to rehabilitation counseling. In addition, students complete field experiences in rehabilitation counseling settings through practicum and internship. The field experiences may be completed in local agencies of program students and they will supervised via online chats. Scholarships are available for qualified students.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MEd in School Guidance Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in School Guidance Counseling primarily online. It is a 60-credit master's which meets the academic requirements for certification in the state of Massachusetts as a Guidance Counselor. Students complete a series of general counseling courses and courses specific to guidance counseling. In addition, students complete field experiences in school settings through practicum and internship. The field experiences may be completed in local schools of program students and they will be supervised via conference calls and online chats.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MEd Special Education: Orientation and Mobility

AVAILABLE ONLINE

The Department of Curriculum and Instruction is offering a Master of Education Degree in Special Education with a Specialization in Orientation and Mobility. The 37-credit online graduate curriculum and resulting degree is regionally accessible across the six New England states with locally-based field experience coordinated throughout the two-year program of study. Students completing the 37-credit web-based curriculum are eligible to sit for the National Professional Certification Examination of the Academy for Certification of Vision Rehabilitation and Education Professionals. Orientation and Mobility Specialists teach both children and adults with vision loss safety and confidence in independent travel skills.

SCHOLARSHIPS

This program currently offers partial scholarship support through the Federal Office of Special Education.

For further information visit the Northeast Regional Center for Vision Education web site, www.nercve.umb.edu, or contact the Orientation and Mobility Program office at 617-287-7584 or 617-287-4385.

MEd Special Education: Teacher of Students with Visual Impairments

AVAILABLE ONLINE

The Department of Curriculum and Instruction is offering a Master of Education Degree in Special Education leading to state licensure as "Teacher of Students with Visual Impairments." The 37-credit online graduate curriculum and resulting degree is regionally accessible across the six New England states with locally-based field experience coordinated throughout the two-year program of studies. Students completing Massachusetts Department of Education licensure requirements are able to apply for reciprocal licensure in each of the six New England states and each state participating in the NASDTEC interstate licensure agreement. Massachusetts requires demonstrated competency through examination in Literacy, Foundations of Teaching Reading and General Curriculum for Elementary Education. Additional course work is available to support students needing assistance in these areas.

SCHOLARSHIPS

This program currently offers partial scholarship support through the Federal Office of Special Education.

For further information visit the Northeast Regional Center for Vision Education web site at www.nercve.umb.edu or contact the teacher of students with visual impairments program office at 617-287-7595 or 617-287-4385.

MS in Gerontology (Management of Aging Services Track)

AVAILABLE ONLINE

The Management in Aging Services Track offers students an advanced degree in the growing field of long-term care. This is a new program that will afford professionals in the aging network the opportunity to broaden their perspectives and develop management skills. Students will develop skills in policy development and analysis, program management, administration, and finance with a focus on the aging population. The program requires 30 credit hours, or 10 courses (eight required courses and two electives). Courses will be offered either online or in interactive television (ITV) format. A graduate certificate may be earned by taking 15 hours of relevant course work.

For more information about the program and admissions requirements, call 617.287.6000 or email enrollment.info@umb.edu.

MEd in Instructional Design

AVAILABLE ONLINE

UMass Boston's MEd Program in Instructional Design offers a practical master's degree that is ideal for career professionals engaged in the education, training, and development of adult learners in the workplace. The 36-credit program combines a total of 12 courses and submission of a thesis or capstone project. An independent study and a field experience may be included. Students complete 5 required courses and choose electives from other offerings within the program or from a wide range of graduate offerings throughout the university.

For more information, call 617.287.6000 or email enrollment.info@umb.edu.

BS in Nursing for Registered Nurses

AVAILABLE ONLINE

The online Bachelor of Science in Nursing for RNs maximizes accessibility and convenience for highly motivated, independent professionals. There is, however, a requirement that students attend a residential orientation prior to the commencement of the online Nursing classes; additional residential time is required for four hours during the Health Assessment and Promotion course. Students from out of state should contact the program office to discuss arrangements for completing these requirements at a distance. The Nursing course portion of the program operates on a cohort model, whereby a group of students completes the same program of study over five semesters. The six-credit nursing courses are taught online in the Summer, Fall and Spring sessions. The twenty units of non-nursing general education and elective courses may be satisfied through the Division of Corporate, Continuing and Distance Education (CCDE) with online courses (if available), in a traditional course at UMass Boston, or (with prior approval from the College of Nursing and Health Sciences) at another accredited college or university.

For more information about the program and admissions requirements, call 617.287.6000 or email enrollment.info@umb.edu.

Online Degree Completion Program (BA, Community Studies)

AVAILABLE ONLINE

The Online Degree Completion Program allows returning students a flexible and convenient way to finish their degrees. This 30-unit (ten-course) program offers returning students with 90 or more credits the opportunity to earn a Bachelor of Arts in Community Studies—totally online. The requirements for this program have been packaged in such a way that you will benefit from a well-rounded and integrated learning experience that also affords you maximum credit for previously completed coursework no matter what your previous major or area of study. You'll enjoy a program of study that provides a solid foundation in academic skills, as well as an interdisciplinary content focused on contemporary issues in public policy, social sciences and applied liberal arts. This special Community Studies plan is an academically challenging program which examines human communities, their histories and cultures, their identities and values, institutions and economies, as well as their problems and prospects. The content and method of this program are drawn from the social sciences as well as the liberal arts, public policy, ethnic studies and global studies.

For additional program and contact information, call 617.287.6000 or email enrollment.info@umb.edu.

UNDERGRADUATE CERTIFICATES

Community Media & Technology

AVAILABLE ONLINE

This two-semester, six-competency, 18-credit certificate program is designed to provide students with the key competencies they need to incorporate a range of multi-media tools into their primary responsibilities as labor activists, community organizers or agency professionals. Students in the certificate program complete the following requirements: media literacy; community action; analyzing media; media and community building; using technology; and developing a media strategy.

For more information, call 617.287.7120 or visit ccde.umb.edu/certificates.

Fundamentals of Information Technology

AVAILABLE ONLINE

The Certificate in Information Technology (CIT) is an introductory program into the information systems discipline. It covers concepts fundamental to the technology and operation of modern information systems, focusing on techniques, tools and methods used today in the development and use of computer-based applications. The program is intended for non-College of Management or non-degree seeking students. Course work involves 6 courses (18 credit hours) after completion of MSIS-IT 105 (Introduction to Computers and Information Systems). Students who complete the program will earn a certificate from the College of Management. Courses for this program will be offered in a mixture of online and on-campus formats.

For more information, contact Deborah Boisvert (tel 617.287.7295, email deborah.boisvert@umb.edu) or visit ccde.umb.edu/certificates.

Geographic Information Technologies

This 18-credit certificate program is intended for professionals in all fields who deal with geographical data requiring spatial analysis—for example, environmental scientists, health researchers, or marketing/sales professionals. The certificate comprises courses that teach the concepts, principles, techniques and applications of computer and analytical cartography, remote sensing and digital image processing, Geographic Information Systems (GIS), Global Positioning Systems (GPS), and digital or softcopy photogrammetry. Currently it concentrates in three areas: cartography, remote sensing and GIS.

For more information, contact Kitty Galaitsis (tel 617.287.7918, email katharine.galaitsis@umb.edu) or visit ccde.umb.edu/certificates.

Human Service Practice

This 18-credit certificate program is designed for human service practitioners, affording them an opportunity to participate in courses that are directly related to their work and to apply their learning directly to their practice. Students will apply a professional orientation to the context and core values of human service practice, examine different theoretical models of practice, apply them to their own practice, and establish their own best practices in human service intervention and case management. Students will also have the opportunity to build their academic skills, including critical reading, research, and academic and professional writing.

The program is delivered over a three-semester period. Each semester, students will enroll in one course that addresses two different competencies from the human service curriculum at the College of Public and Community Service (CPCS).

For additional program and contact information, visit ccde.umb.edu/certificates.

Spanish Court Interpretation

This intensive six-credit undergraduate certificate program has been specially designed to provide qualified applicants with an introduction to professional court interpretation. The program teaches the fundamentals of theory and practice through classroom discussion and activities, as well as through intensive laboratory exercises designed to develop interpreting proficiency. The program is tailored for both novice and practicing interpreters, as well as for qualified students. Applicants with little or no experience in interpreting will benefit from extensive laboratory practice, in-class discussion and exercises. Students will devote additional time in visits to court in order to fulfill course related assignments.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

Spanish/English Translation

This two-semester, 12-credit certificate program has been designed to meet the increasing local, national, and international demand for professionals, educators, and students interested in meeting the challenges of modern multicultural, multilingual societies. Participants will explore the history, principles, theory, and practice of oral and written translation. They will practice the techniques of legal, medical, technical, general, and literary translation and learn to use specialized dictionaries and other essential reference materials. They will also improve their knowledge of English and Spanish syntaxes, morphologies, and semantic systems.

The program begins in the fall semester and concludes in the spring semester. It comprises two six-credit courses: SPAN 408, Advanced Techniques and Skills for Translation, and SPAN 409, Advanced Practice of Translation.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

GRADUATE CERTIFICATES

Adapting Curriculum Frameworks for All Learners

AVAILABLE ONLINE

This 12-credit certificate program is designed to provide educators with a working knowledge of practical applications of the principles and elements of Education Reform for the instruction of a diverse student population. The certificate combines current research, policy, and instructional practices, presented by faculty who are actively involved in changing the public school environment in Massachusetts.

For more information, contact Mary Brady (tel. 617.287.7254; email mary.brady@umb.edu) or visit ccde.umb.edu/certificates.

Applied Behavioral Analysis

AVAILABLE VIA ITV

This four-course graduate sequence, offered via ITV at specific sites as well as at the UMass Boston Campus, is designed to enable students to serve as effective practitioners who can assess, design, implement and evaluate applied behavior analysis (ABA) programs by providing them with the knowledge, concepts and skills of basic ABA principles, ethical considerations, generalization strategies, and application to special populations and settings. Students will receive guided practice with each course's content by developing a Case Study that may be course-specific, or continue across several courses. Successful completion of all four courses will meet the coursework requirement to sit for the national Behavior Analyst Certification Board licensing examination.

For more information, contact Mary Brady (tel. 617.287.7254; email mary.brady@umb.edu) or visit ccde.umb.edu/certificates.

Creative Thinking at Work

AVAILABLE ONLINE

This 15-credit graduate certificate in Critical and Creative Thinking trains people to tackle challenging real-life problems, generate new ideas, and take them through to realization in their various educational, professional, artistic, and social settings. A variety of approaches are introduced to invention, dialogue, listening, and teamwork that promote creativity. Certificate students learn to confront ambiguous and complex problems, reflect deeply and bring insights to the surface, transform the giving of feedback into a mutual learning experience, build relationships of trust and enthusiastic acceptance of diverse perspectives, articulate a practical vision, and collaborate in bringing it to fruition. CCT Certificate students take two core courses, three elective courses, and complete an exit performance as part of one of the courses taken. CCT Master's students, graduate students from other programs, advanced undergraduates, and special students are welcome to enroll in individual courses. Note: MA students must get permission from their advisor before registering for online courses and will not be permitted to count more than four online courses from UMass Boston towards their degree.

For more information, contact Peter Taylor (tel 617.287.7636, email cct@umb.edu) or visit www.cct.umb.edu/CTAWcert.html

Database Technology

This 12-credit certificate program is geared towards programmers and software professionals who wish to acquire a systematic education in database technology. It provides a solid anchoring in state-of-the-art database technology and trains students to become database application developers or database administrators. A bachelor's degree is required. The candidates should have substantial programming experience; knowledge of databases is not expected.

For more information, contact Elaine Sullivan (tel. 617.287.7915; email elaine.sullivan@umb.edu) or visit ccde.umb.edu/certificates.

Dispute Resolution

The 18-credit Graduate Certificate in Dispute Resolution is intended for people whose employment requires them to cope with conflict, and who feel that training in negotiation, mediation, or designing conflict resolution mechanisms would be useful. The curriculum focuses on conflict in communities, and in organizations such as state and local government, hospitals, labor groups, universities, courts, corporations, and schools.

The program comprises four three-credit courses and the six-credit mediation internship. All courses are taught and supervised by UMass Boston faculty with extensive mediation experience. With approval from the department, units earned in the certificate program can be applied toward the Master of Arts in Dispute Resolution.

For more information, call 617.287.7415, email disres@umb.edu, or visit ccde.umb.edu/certificates.

Forensic Services

Intended for criminal justice and mental health professionals, this 16-credit graduate certificate program is designed to provide a strong grounding in behavioral sciences, while at the same time offering practical skills and competencies in mental health and criminal justice, which will enable students to serve as effective professionals in a variety of social service environments. Forensic Services broadly encompass criminal investigation, social science research, law, and the workings of related social service systems.

For more information, contact Elaine Sullivan (tel. 617.287.7915; email elaine.sullivan@umb.edu) or visit ccde.umb.edu/certificates.

Gerontological/Adult and Family Nurse Practitioner (NP) Post Master's Certificate Programs

AVAILABLE ONLINE

This 12- or 21-credit certificate program is designed to assist RNs who have an MS degree in nursing to acquire the knowledge and clinical experience that will prepare them to sit for a gerontological, adult, or family nurse practitioner certification examination. Nurses holding current NP certification in adult primary care with 2 or more years of experience may apply for the 12-credit gertontological option or the 12-credit family option. RNs who have an MS in nursing from an accredited institution and 2 years experience in advanced practice nursing may apply for the 21-credit certificate program. Prerequisites include evidence of graduate course work in advanced health assessment, advanced pathophysiology and advanced pharmacology. Applicants who have not yet completed these prerequisites should consult the College of Nursing and Health Sciences course schedule.

For more information, contact Margaret McAllister (tel 617 287-7543, email margaret.mcallister@umb.edu) or visit ccde.umb.edu/certificates.

Gerontology (Focus on Management of Aging Services)

AVAILABLE ONLINE

The Gerontology Graduate Certificate with a focus in management of aging services is targeted to individuals in the aging network who are looking to upgrade their skills or advance in new directions within the field or for those looking to enter the field. The emphasis will be on making this an easily accessible program through use of regional video teaching sites and online courses. Class scheduling will reflect the needs of a working student population. The certificate may be earned by taking 15 hours of approved course work, including three required courses and two elective courses. Students will have the option of applying these 15 hours toward the 30-hour Management of Aging Services Master's degree program (see page 40).

For more information, contact Lillian Glickman (email lillian.glickman@umb.edu) or Ellen Birchander (tel 617.287.7338; email ellen.birchander@umb.edu).

Instructional Technology Design

AVAILABLE ONLINE

This 15-credit graduate certificate program is designed to meet the increasing challenges created by the high technology training needs of academic, corporate, and public educators. It is intended for instructional designers, training professionals and instructional technologists responsible for the design, development and management of technology-based learning programs. Educators will also find that the coursework in this program will enable them to better serve their audience. Coursework will include a balance of instruction and discussion, lab time and design teams producing multimedia projects.

For more information, call 617.287.6000 or email instructionaldesign@umb.edu.

Instructional Technology for Educators

AVAILABLE ONLINE

This 15-credit certificate from the Graduate College of Education is designed for in-service teachers who do not seek a master's degree at this time or for those who have already earned an advanced degree. The purpose of the Certificate is to prepare teachers to meet the National Technology Standards of the International Society of Technology and the Performance Indicators for Teachers and the Massachusetts Recommended PreK-12 Instructional Technology Standards. In addition, the coursework is designed to meet the subject knowledge competencies of the Massachusetts Instructional Technology licensure. Graduates of the program will develop a comprehensive performance-based technology foundation that reflects fundamental concepts and skills for using technology to support teaching and learning.

For more information, please contact Chenfeng Zhang (tel 617-287-7674, email chenfeng.zhang@umb.edu).

Teaching of Spanish

This 18-credit graduate certificate program has been designed to address the needs of pre-service and in-service teachers who need to improve or enhance their skills in the field of Spanish.

The certificate offers a flexible course of study combining both new and traditional methods of teaching the Spanish language with presentations of geographic and cultural material that reflect the traditions that make up today's Spanish speaking worlds. The certificate program also introduces the latest uses of technology in the classroom and methods of assessment.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

Teaching of Writing

This 15-credit graduate certificate program is designed for K-12 teachers and administrators in all subject areas who want to learn strategies to strengthen students' writing and thinking skills, develop expertise in teaching writing and literacy across the curriculum, gain a deeper understanding of literacy learning, and improve their own writing. Participants will examine current readings in composition, literacy and writing pedagogy, share successful teaching practices, develop and implement curriculum, and document the effects of their teaching by collecting and analyzing student work.

For more information, please contact Peter Goldman, Site Co-Director for the Boston Writing Project (tel 617.287.7665, fax 617.287.7664) or visit www.bwp.umb.edu.

Women in Politics and Public Policy

The Program for Women in Politics and Public Policy is a one–year graduate certificate program designed to encourage and train women from all walks of life for significant political participation in careers in public management, research, policy–making, consulting, planning, and administration. The program offers a unique combination of graduate–level academic work in policy studies, analytical and research skills, and carefully supervised professional field work in addition to advising, counseling, and professional development services. The program begins in September and runs through May.

The program is part of the department of Public Policy and Public Affairs at the John W. McCormack Graduate School of Policy Studies. Eligible graduates of the program may be accepted for admission with advanced standing into the University's MS Program in Public Affairs.

Students are required to complete eighteen credits for the certificate: nine credits in course work, six credits for the internship, and three credits through the final case–study project.

The program welcomes applicants of diverse backgrounds with a wide variety of undergraduate majors. To be eligible for admission, the applicant must: 1) hold a bachelor's degree or its equivalent; 2) submit an official transcript; 3) arrange for a personal interview with program staff; 4) submit a completed application with fee; 5) submit two written recommendations.

For more information, contact Donna Stewartson (tel 617.287.6785, email donna.stewartson@umb.edu) or visit ccde.umb.edu/certificates.

Alcoholism/Chemical Dependency Treatment Services

AVAILABLE ONLINE

The Alcoholism/Chemical Dependency Treatment Services Program (A/CDTSP) offers the highest quality education to persons seeking to begin or advance their careers in the treatment of alcohol and chemical dependence. A/CDTSP instructors are committed to helping students grow personally and professionally. Graduates of our program have contributed greatly to the field and to the program's continuing success. Now, with the recent approval of licensure for addictions professionals, the A/CDTSP program is of even greater value to those seeking licensure and those seeking continuing education hours to maintain licensure.

The program consists of six core courses plus a pre-practicum workshop and a practicum. Depending on their previous educational experience, students may need to complete two additional courses in order to meet licensure requirements.

A/CDTSP is offered in both online and classroom formats, with classes meeting either at the main UMass Boston campus or at sites in Plymouth and Framingham. Students can begin the program in either the fall or spring semester. Program coordinators at each site will assist students in with their practicum and career planning. Online students can design their path of study based on their individual needs; online courses are offered each semester, and students are welcome to join these online courses at any semester.

FURTHER INFORMATION
For more information on the A/CDTSP program, visit ccde.umb.edu/certificates/acdtsp. To arrange an interview, please contact Reca Quarles (tel 617.287.7900, email reca.quarles@umb.edu).

Chinese Language for Beginners

Chinese for Beginners is a course for students with little or no background in Mandarin. The goal of the course is to teach basic oral and written communication skills as well as some introduction of Chinese culture. Students will learn Chinese pronunciation, tones, grammar and how to write Chinese characters, or 'hanzi.'

UMASS BOSTON CAMPUS
Room & Time TBA
Sept 15-Nov 17
Fee: $158
Class No TBA

For more information on this course, please contact Baifeng Sun, Confucius Institute at UMass Boston (617.287.7291, email baifeng.sun@umb.edu). See page 56 for more information on the Confucius Institute.

Improved Communications for Leaders and Professionals

This is an interactive course on the communication skills managers and leaders need to be effective in the workplace. This course is "blended," consisting of both online and on-campus sessions, and offers a combination of videotaping, lecture and skill building activities to track progress throughout the semester. Participants are videotaped three times; at the start, during the middle and towards the end of the semester.

UMASS BOSTON CAMPUS
Room & time TBA
Sept 17 & 24; Oct 22 & 29; Dec 3 & 10

ONLINE
Sept 10-Dec 3

BLENDED COURSE FEE/CLASS NUMBER
Fee: $860
Class No TBA

Human Resource Management Certificate

The certificate in Human Resource Management is a two-semester program designed for those seeking an overview of the human resource function and its strategic role in today's organizations. The program is recommended for general managers and supervisors, new human resource professionals, and others interested in developing practical skills in human resource management.

The program consists of the following modules, focusing on skills and competencies set forth by regional and national associations as core requirements for individuals working as human resource professionals:

- Management Practices
- General Employment Practices and the Legal and Regulatory Environment
- Compensation with Benefits
- Human Resources Development, Performance, Management, and Employee Relations
- Labor Relations
- Health and Safety
- Strategic Human Resource Management

UMASS BOSTON CAMPUS
W 6:30-9:30pm, Room M3-130
Sept 19-Dec 12, 2007 (semester one)
Feb 13-May 7, 2008 (semester two)
Fee: $2,250 (full program)
Class No 6992

For more information on the Human Resource Management certificate program, please visit ccde.umb.edu/corporate, or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Information Design and Development Certificate

AVAILABLE ONLINE

This program offers the fundamentals required for technical communication in the high-tech industry, as well as more advanced topics for developing and delivering effective technical information.

DESIGNING AND DEVELOPING CONTENT I

This course describes how to identify and create different types of technical documentation based on principles of audience analysis. Topics also include information design, writing drafts and handling reviews, and basics of usability analysis. You will also learn how to integrate graphics and apply templates to create effective documentation. An overview of common grammar, usage, and writing problems will also be provided.

ONLINE
Sept 10-Dec 3
Fee: $860
Class No 14597

USER ASSISTANCE

This course covers the many formats and structures of technical information that assist users in understanding and taking advantage of a software or hardware product's functionality. Over the years, many methods have been used to create and deliver technical information to users. This course covers topics such as user interface design, the evolution of authoring tools, and content development to address authoring and delivery needs.

ONLINE
Sept 10-Dec 3
Fee: $860
Class No 14598

For more information on the Information Design & Development certificate program, please visit ccde.umb.edu/corporate, or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Project Management Courses

PRACTICAL PROJECT MANAGEMENT

AVAILABLE ONLINE

Practical Project Management provides professionals with the essential skills they need to succeed in an increasingly competitive job market. Based on *The Project Management Body of Knowledge®*, this highly interactive course combines expert instruction with case studies and team exercises. In addition to technical competencies, the course covers the human and political aspects of project management by using examples from students' own projects. Participants will learn how to initiate, plan, execute, control and close a project and will be shown how to apply the ten PMBOK® knowledge areas to each phase of a project. Upon completion of the course, participants will be ready to assume the role of Project Manager and will receive the 35 contact hours required to apply for PMP certification.

UMASS BOSTON CAMPUS
M 6:30-9:30pm, M3-130
Sept 17-Dec 10
Fee: $875
Class No 6990

ONLINE
Sept. 10–Dec. 3
Fee: $1,060
Class No 6989

NEGOTIATION SKILLS FOR PROJECT MANAGERS

AVAILABLE ONLINE

This course teaches project managers how to negotiate for resources that are essential to the success of projects: time, money, material, and people. Frequently, project managers are held responsible for the success of a project without having complete control of these resources. Therefore, project managers have to be skilled negotiators and conflict managers to be effective in their roles.

ONLINE
Sept 10-Dec 3
Fee: $895
Class No 6988

For more information on Project Management courses, please visit ccde.umb.edu/corporate, or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Urban Landscape and Garden Development Certificate

AVAILABLE ONLINE

This program recognizes the growing interest in the greening of the urban environment and the importance of creating and sustaining green spaces in cities. The focus will be on the urban setting and its public and private green spaces.

INTRODUCTION TO THE URBAN LANDSCAPE USING BOSTON AS A CASE STUDY

This program recognizes the growing interest in the greening of the urban environment and the importance of creating and sustaining green spaces in cities. The focus will be on the urban setting and its public and private green spaces.

- The Unique Geography of Boston
- A View of Boston Landscape History
- Community Gardens in Boston
- The Influence of Different Ethnicities in Urban Open Spaces
- Greening Boston's Future

Sept 10-Dec 3
Course Fee: $500
Class No TBD

HOW TO READ URBAN OPEN SPACE

This course addresses questions such as: What makes an urban space successful? How do properties such as form, aesthetics and use patterns compare? What in fact do we mean by the term "space"? How can such a quality be measured? What makes a "space" a "place"? What are the threats to the quality of the urban public ream? The notion of urban open space as a *design element* is emphasized. Students will develop a discursive capacity with regard to *space* as distinct from *object*, and explore their relationship. Characteristic spaces such as the boulevard, park, plaza, and square are considered in relation to the aesthetic, social, political and economic determinants of form.

Sept 10-Dec 3
Course Fee: $500
Class No TBD

PLANT MATERIALS FOR THE URBAN LANDSCAPE

This course covers the broad palette of plant materials that can be used in an urban setting. You will learn about annuals, perennials, trees, shrubs, and vines. Plants used in specialized gardens such as rock gardens, water gardens, containers, and xeriscapes are studied as well. The course includes topics such as plant identification, using plants in the landscape, native versus exotic and invasive species, and plant hardiness to a range of environmental conditions.

Sept 10-Dec 3
Course Fee: $500
Class No TBD

URBAN LANDSCAPE DESIGN

This course explores the growing impact of landscape architecture on the urban environment. The merger of urban design, landscape architecture and architecture, sometimes referred to as "landscape urbanism", moves beyond the strategic placement of planting material to implications for biodiversity, microclimatology, and ecology. It addresses citywide cultural and ecological concerns. It works across disciplines and emphasizes an understanding of the relationships between natural systems and the cities - between aquatic systems and watersheds, between plants and health. The result is the increasing significance of landscape as a framework for urban form that begins locally and continues at a broader scale. The principles behind and examples of existing urban installations that exemplify this merger of disciplines will be discussed.

Sept 10-Dec 3
Course Fee: $500
Class No TBD

For more information on the Urban Landscape and Garden Development certificate program, please visit ccde.umb.edu/corporate/urbanlandscape, or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Graduate Test Preparation Courses

Developed in conjunction with the Office of Career Services, these review courses offer preparation for the Graduate Record Examination (GRE), Graduate Management Admission Test (GMAT), and Law School Admission Test (LSAT), providing intensive classroom sessions that cover all sections of each exam. Each course involves extensive exam practice, including a full-length practice test given under exam conditions. All courses meet at our main campus in Boston, unless otherwise noted. Enrollment is limited. To register for this course, use the form on page 59 or call 617.287.7916 to register by phone. Visit ccde.umb.edu/testprep for complete test prep information online.

REVIEW FOR THE GRADUATE RECORD EXAMINATION (GRE)

We still offer regularly scheduled prep courses; however, the GRE exam is available only online at designated centers. For more information, please call 800-GRE-CALL.

TuTh 6:00-9:00pm
Sept 11-Oct 18
Course Fee: $450
Class No 7031

TuTh 6:00-9:00pm
Nov 15-Dec 20
Course Fee: $450
Class No 7032

REVIEW FOR THE GRADUATE MANAGEMENT ADMISSION TEST (GMAT)

This course is designed to prepare students to succeed on the Graduate Management Admissions Test (GMAT), the primary admissions criterion for students applying to graduate business programs (including MBA, MSA, MSF, MSIT, MSM, and Ph.D. programs). Through a mixture of lectures, intensive practice, and close review of real GMAT questions, students will dramatically enhance not only their knowledge of the subject areas tested, but also their understanding of effective test-taking strategies and of how to apply successfully to graduate business schools.

The GMAT is now a fully computerized exam offered daily at various locations around greater Boston and the world. Please consult www.mba.com for details or to register for the test.

Please note, due to student input, the GMAT schedule has been changed to a 4-hour Monday-only format

M 6:00-10:00pm
Aug 20-Oct 15
Course Fee: $450
Class No 2627

M 6:00-10:00pm
Oct 22-Dec 10
Course Fee: $450
Class No 7033

REVIEW FOR THE LAW SCHOOL ADMISSION TEST (LSAT)

This course is designed to prepare students to succeed on the Law School Admissions Test (LSAT), the primary admissions criterion for students applying to all accredited law schools. Through a mixture of lectures, intensive practice, and close examination of LSAT questions, students will dramatically enhance not only their knowledge of the subject areas tested, but also their understanding of effective test-taking strategies for this rigorous, heavily weighted test. Please consult www.LSAC.org for details or to register for the test.

Test Date: Sept 29
TuTh 6:00-9:00pm
Aug 21-Sept 27
Course Fee: $450
Class No 2628

Test Date: Dec 1
TuTh 6:00-9:00pm
Oct 18-Nov 29
Course Fee: $450
Class No 7035

COPLEY
Test Date: Dec 1
MW 6:00-9:00pm
Oct 22-Nov 28
Course Fee: $450
Class No 14714

Math Refresher Course

This course is designed for people who are perhaps math-phobic or who have been away from math for a long time and are interested in refreshing their math skills—for college placement tests, both undergraduate and graduate, for GRE and GMAT prep courses and exams, and other professional or educational endeavors. The course offers an intense, fast paced review of the fundamentals of arithmetic, algebra, and geometry. Included in the course are basic math operations, word problems, graphs, linear and quadratic equations, formula solving and manipulation and the basic concepts of geometry and their applications. Students will be introduced to the language of math and many shortcuts will be presented. When possible, courses are scheduled in advance of our six-week GMAT and GRE prep course offerings for those students who are taking the exams. However, it must be emphasized that this course is not designed solely for those going on to graduate school and it is not a strategy class.

To register for this course, use the form on page 59 or call 617.287.7916 to register by phone.

MW 6:00-9:00pm
Sept 19-Oct 15
Course Fee: $250
Class No 7036

MW 6:00-9:00pm
Nov 26-Dec 17
Course Fee: $250
Class No 7037

REFUND POLICY

Refunds will be granted to registered students who withdraw from Grad Prep classes on the following basis:

Withdraw on or before second class meeting date:
100% refund

Withdraw on or before third class meeting date:
50% refund

No refunds will be granted after third class meeting date.

The programs in English Language Study offered by the Division of Corporate, Continuing and Distance Education provide English instruction to speakers of other languages. Programs are designed for individuals seeking to communicate more effectively and improve their performance in professional, academic, and social environments. The Division offers day and evening classes for non-native speakers at all levels of language proficiency.

The content and methods used in all courses are chosen to maximize students' language development. Therefore, strong emphasis is placed on language learning skills and strategies, and students' personal and professional interests, needs, and backgrounds are carefully considered. Instruction in each class includes a grammar review at the appropriate level, integrated with practice in listening comprehension, oral expression, reading, writing, vocabulary building, and pronunciation.

ASSESSMENT AND COURSE PLACEMENT

To ensure that students are placed in appropriate courses and levels, they must attend an assessment session. The session consists of several types of tests: grammar, listening and reading comprehension, and a writing sample. There is also an interview with a program instructor.

For evening programs, the assessment session is completed at the first scheduled class meeting. For full-time programs, the assessment process is more comprehensive. Tests are completed over the first few days of the semester, and take place in conjunction with a variety of classroom and orientation activities. The test period for full-time students begins on the first scheduled day of the program, 9:00 am in McCormack Hall, 3rd floor, room 130. Formal classes begin only after the orientation period.

FURTHER INFORMATION

For more information about any of our English Language Study programs, contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu), or visit ccde.umb.edu/esl.

Intensive English Programs

Classes in our Intensive English Programs take place Monday through Friday between 9:00am and 4:00pm, for a total of 24 hours per week. Some sections will meet on two afternoons per week, others on three or four afternoons per week.

ESL: THE INTENSIVE COURSE

The Intensive course is designed to help people learn English in the shortest possible time. The program's focus is to provide extensive practice in speaking and understanding English. Students study grammar, writing, reading comprehension, and vocabulary building.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS

Sept 5 - Dec 14
Class No. 7025
Fee: $3,700

UNIVERSITY PREPARATION

This program provides international students with intensive English language instruction and preparation for successful study at American colleges and universities. Participants experience an integrated program focusing on English language instruction, university study skills, academic course work, the college admission process, TOEFL preparation, and the American cultural experience.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS

Sept 5 - Dec 14
Class No. 7026
Fee: $3,700

ESL: BUSINESS ENGLISH OPTION

The Business English Option is designed for individuals who wish to focus their learning on the types of English used in the business world. In addition to classes in general English (grammar, writing, reading comprehension, and vocabulary), participants will experience classes in which video, audio materials and computers are used to present topics such as management, marketing, finance, management information systems and other topics of interest to business people. Students participate in 24 class hours per week and must complete homework and other assignments.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS

Sept 5 - Dec 14
Class No. 7027
Fee: $3,700

Visiting Scholars Programs

Visiting Scholars programs are currently available for Chinese and Latin American students. These programs offer participants with affiliations to selected universities that are signatories to inter-institutional agreements the opportunity to pursue a personalized plan of independent study and research combined with limited English language support.

For more information, contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Evening ESL Classes

If you are a non-native English speaker with a strong desire to improve your overall communicative ability, then the English as a Second Language Program is designed for you. The program in English Language Study at UMass offers English as a Second Language classes at three levels: ESL I (high beginner to low intermediate); ESL II (low to high intermediate); and ESL III (high intermediate to advanced).

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Monday, Oct 1 and Tuesday, Oct 2 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
Oct 1 - Dec 6
Class No 7028
Fee: $475

Professional Communication for Non-Native Speakers

This course is designed for high-intermediate to advanced non-native speakers of English who seek a growing mastery of both English proficiency and communication skills necessary for success in the professional workplace environment. Class work will focus on oral presentation and short written reports.

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Monday, Oct 1 and Tuesday, Oct 2 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
Oct 1 - Dec 6
Class No 7029
Fee: $475

TOEFL Test Preparation

The Test of English as a Foreign Language, or TOEFL, is nearly universally required by American universities (both graduate and undergraduate schools), as well as by secondary schools and many corporations and businesses, when these institutions make admission and hiring decisions, respectively. TOEFL Test Preparation is designed to accommodate students at intermediate and advanced levels of English proficiency who wish to enhance their ability to achieve the highest possible score. TOEFL study focuses on intensive, comprehensive practice of skills specifically demanded by the TOEFL test. As a standardized test, it is important to understand that there are particular techniques and strategies that students can learn and practice to maximize their chances of scoring well. Students will also take authentic computerized-based practice tests in computer labs utilizing software that closely matches the actual test.

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Monday, Oct 1 and Tuesday, Oct 2 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
Oct 1 - Dec 6
Class No 7030
Fee: $475

Boston Area Advanced Technological Education Connections (BATEC)

Boston Area Advanced Technological Education Connections (BATEC) is a National Science Foundation-funded Center of Excellence that is working to develop and promote a coordinated, self-sustaining, regional education and workforce development system for IT—one that will attract a diverse student population to IT and IT-enabled careers, promote lifelong learning of technical skills, and support the technology workforce needs of the region.

BATEC is a partnership of UMass Boston, six community colleges (Bunker Hill, Roxbury, Middlesex, Bristol, Northern Essex and Quinsigamond) and thirty high school districts, although our events are open to educators from across all regions. Our partners are transforming education to develop the new IT professional for the 21st century by: (1) developing curriculum that is regionally connected, advanced in content and pedagogy and industry-linked; (2) providing professional development experiences for educators so they can deliver relevant, standards-based programs of instruction that model the reality of the workplace; (3) attracting and advancing a diverse population of technology students who can effectively meet the challenges of emerging technologies and changing economies; and (4) connecting education, industry and community to promote mutually beneficial partnerships that support career development, lifelong learning and regional economic growth.

For more information about BATEC, contact Deborah Boisvert (tel 617.287.7295, email deborah.boisvert@umb.edu), or visit www.batec.org.

China Program Center

The China Program Center at the University of Massachusetts Boston seeks to advance scholarly and business collaborations between China and America through innovative programs including practical training, trade missions, government exchanges, and joint academic ventures.

The Center provides the specific tools needed to build successful American-Chinese joint ventures. It brings extensive business and cultural knowledge about the two countries to its audiences through innovative academic courses, training sessions, internships, workshops, and mentorships.

UMass Boston's China Program Center addresses many critical needs both for Chinese audiences (global leadership skills, university faculty training, and graduate and undergraduate degree programs) and for American audiences (knowledge of how to do business in China, China-based cultural programs, and courses that focus on the best practices in the teaching of Mandarin).

For more information about the China Program Center, contact Allan Guo, Director (tel 617.287.7291, email allan.guo@umb.edu).

Confucius Institute for Chinese Language and Culture

The University of Massachusetts Confucius Institute at UMass Boston was established in collaboration with Renmin University of China and The High School Affiliated to Renmin University of China, with the sponsorship and authorization of Hanban, the Office of Chinese Language Council International, under the Ministry of Education, China.

The mission of the Confucius Institute is to promote understanding of Chinese language and culture in the communities served by the University. Through courses, conferences, travel, and cultural events, the Institute will provide opportunities for cultural exchange and collaboration between the US and China.

Chinese Language Instruction
The characters of Chinese writing have long appeared mysterious to non-Chinese readers. But today, Americans are enthusiastically embracing the study of Chinese language. The Confucius Institute will present credit courses which intertwine language instruction with cultural awareness, serving students at all skill levels from basic Mandarin for business and travel to more advanced study.

Seminars in Chinese Culture
Contemporary Chinese culture reflects a rich and remarkable history that spans 5,000 years. The Confucius Institute will present cultural seminars that illuminate topics such as the Chinese political system, economic development, values and etiquette, philosophy, and Confucianism in management.

Programs for Teachers of Chinese
With many schools adding Chinese to their language curriculum, there is a growing demand for licensed instructors. The Confucius Institute will help meet this demand by offering teacher training programs, American cultural awareness training, and professional workshops for teachers of Chinese.

Conferences and Forums
The Confucius Institute will also create opportunities for cultural exchanges and collaborations between the United States and China, especially in the New England region. Conferences and forums organized by the Institute will offer platforms for communication between educators and business people from both countries.

Travel
The Confucius Institute will organize tours that will bring students, educators and business people from the US to China and from China to the US, providing opportunities to strengthen language skills through immersion and deepen cultural awareness through direct experience.

For more information contact: Baifeng Sun, Interim Associate Director, University of Massachusetts Confucius Institute (tel: 617.287.7291; fax: 617.287.7297; email: baifeng.sun@umb.edu). Also visit www.confucius.umb.edu for updated programming information.

Marine Studies Consortium

UMass Boston is a member of the Marine Studies Consortium, an association of Massachusetts higher education and research institutions whose mission is to increase understanding of coastal and marine ecosystems, and to promote policies that protect aquatic resources.

The Consortium's undergraduate academic program offers unique learning opportunities in marine and aquatic sciences, environmental policy, and environmental management. Courses are held during the evenings on the campuses of member institutions. Undergraduate academic credit is also available to students from the general public through arrangements with Consortium member schools. The Consortium also provides planning tools that can help solve small-community wastewater management problems.

The following course is being offered through the Consortium during the Fall 2007 semester:

INTR-D 107 Water Resources Planning and Management

To register for this course, first call the Consortium at 781.444.3643 to get a UMass Boston class number. The number will allow you to register at UMass Boston. Courses may have a waiting list.

To see course syllabi visit www.brandeis.edu/marinestudies/courses.html For more information on the Consortium, visit www.brandeis.edu/marinestudies or call 781.444.3643.

Office for Professional Development for Educators

The Office for Professional Development for Educators (OPDE) at UMass Boston promotes the Graduate College of Education and the College of Nursing and Health Sciences in offering degree, certificate, and individual professional development courses to school districts, school administrators and staff, and to individual teachers. The Office enables the Graduate College of Education to collaborate with school districts in assessing their professional development needs.

The Office can assist districts by providing comprehensive Professional Development plans or by tailoring individual courses in leadership, pedagogy, or in the teaching of academic content areas. A team from the Office will work with your district to assess and provide recommendations for short and long term professional development objectives. We can customize courses and programs to be delivered onsite, online, or at our Boston Harbor campus. Customized courses may offer a flexible blend of online and face-to-face components.

Educational specialty areas in which OPDE offers programs include:

- Curriculum and Instruction
- School Counseling
- Instructional Design and Instructional Technology
- Special Education
- English Language Arts
- History and Social Studies
- Science and Mathematics
- Vocational-Technical Education
- Advanced Placement
- School Nursing

For more information, please contact Paul O'Leary at 617.287.7919 or visit ccde.umb.edu/opde.

Interested in a UMass Boston degree?

At UMass Boston, the opportunities for learning are almost limitless, and so are the opportunities for an exciting and rewarding future. If you're considering a UMass Boston degree, here's how to find out more.

COME TO AN UNDERGRADUATE INFORMATION SESSION.

At one of these hour-long sessions, you can learn about our academic programs and other resources, student life, financial aid, and the admission process. We'll do our best to answer your questions and give you a sense of how UMass Boston can work for you. There are daytime and evening sessions, and sessions particularly for persons thinking of transferring or returning to school as adults. You can also take a guided campus tour. For more information, including the information session and tour schedules, call 617.287.6000.

COME TO A GRADUATE OPEN HOUSE.

At one of our open houses, you can meet graduate program directors and faculty members, and talk with them about courses and research opportunities, areas of faculty expertise, assistantships, facilities, degree requirements, and any other aspect of graduate study at UMass Boston you want to know about. For more information, call 617.287.6000.

GET IN TOUCH BY PHONE OR EMAIL.

We'll send undergraduate or graduate information and application materials, and we'll do our best to answer any questions you may have about attending UMass Boston. The phone number to use is 617.287.6000 (TTY/TDD for the hearing-impaired: 617.287.6010). You can also email us at enrollment.information@umb.edu.

VISIT OUR WEB SITE.

To learn more about our over 90 areas of study on the bachelor's, master's, and doctoral levels, as well as our professional development and certificate programs, visit us at www.umb.edu.

SEND US THIS COUPON.

We'll be glad to respond. Return the coupon to: The Admissions Information Service, University of Massachusetts Boston, 100 Morrissey Boulevard, Boston, MA 02125-3393

Name _____

Number and street _____

City, state, zip _____

Birthdate M/D/Y (for coding only) _____ Telephone _____ Gender (M or F) _____

Program of particular interest (please indicate whether graduate or undergraduate) _____

PLEASE NOTE!

If you're interested in joining us as a degree-seeking undergraduate student in Fall '07, call us right away! Space in some programs may still be available. The number to use is 617.287.6000.

Registration Form • Fall 2007 Non-Credit Programs

Use this form for Corporate & Professional Training, English Language Study, and Graduate Test Preparation (pages 50-55)

Student ID # |_|_|_|_|_|_|_|_|

Social Security #: |_|_|_| – |_|_| – |_|_|_|_|

Name _____
First MI Last

Date of Birth _____ **Sex** ○ Male ○ Female
Month Day Year

Daytime Phone ( ) **Evening Phone** ( )

Email address _____

Mailing address _____

_____

Are you a Massachusetts resident? ○ Yes ○ No

Job Title _____

Employer _____

Employer Address _____

_____

Have you taken courses at UMass Boston before? ○ Yes ○ No

Ethnic Survey Information. Please circle appropriate letter.

A. American Indian/Alaskan Native
B. Black Non-Hispanic
C. Asian or Pacific Islander
D. Hispanic
E. Non-resident Immigrant
F. White Non-Hispanic
G. Other_____

This is your only record of your registration transaction! Please retain a copy for your records.

Course Selections

Class No. (4-6 digits)	Title	Starting Date	Program Fee

Method of Registration

○ Mail ○ FAX
○ Phone ○ Walk in

Method of Payment

☐ **I am paying by check.** Make checks payable to UMass Boston. If you are registering by mail, send this form along with your check to: UMass Boston CCDE, Box C, 100 Morrissey Boulevard, Boston, MA 02125-3393.

☐ **I am paying by credit card.** UMass Boston no longer accepts direct card payments, but you can pay your fees by credit card through SallieMae® (MasterCard, Discover, or American Express only). A 2.5% service fee will be charged by SallieMae for processing your payment. Instructions and links can be found at wiser.umb.edu.

☐ **I am paying in cash.** Once you have registered, you can make a cash payment at the Bursar's Office (Campus Center, 4th floor) M-Th 8:00am-4:30pm, F 8:00am-4:00pm.

☐ **I am using financial aid.**

☐ **Bill my account.** Bills will be sent to the mailing address entered above. For account status and payment information, visit wiser.umb.edu.

☐ **Third Party or Outside Agency**_____
(Attach documentation)

☐ **Other** _____

Total

Payment by Outside Agency

If charges are to be paid by an outside agency, a payment authorization from that agency must accompany this registration form. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them.

_____
CE Staff Initials

_____
Postmark Date

Fall 2007 Credit Course Registration

Name _____
First MI Last

Date of Birth _____ **Sex** ◯ Male ◯ Female
Month Day Year

Daytime Phone ( ) **Evening Phone** ( )

Email address _____

Mailing address _____

Student ID # _____

Social Security #: ___ – ___ – ____

Job Title _____

Employer _____

Employer Address _____

Are you a Massachusetts resident?
Yes ◯ No ◯

Have you taken courses at UMass Boston before?
Yes ◯ No ◯

Ethnic Survey Information. Please circle appropriate letter.

A. American Indian/Alaskan Native
B. Black Non-Hispanic
C. Asian or Pacific Islander
D. Hispanic
E. Non-resident Immigrant
F. White Non-Hispanic
G. Other _____

Course Selections

Class No	Department / Catalog No	Title	Location	Faculty Initials (if necessary)	Credits	Course Fee		Lab Fee (if any)		Total Course and Lab Fee
							+		=	
							+		=	
							+		=	
							+		=	
							+		=	
							+		=	

Method of Registration

◯ Mail ◯ FAX
◯ Phone ◯ Walk-in

Note: improperly completed forms and/or checks cannot be accepted, and therefore will be returned unprocessed.

_____
CE Staff Initials

_____
Postmark Date

Method of Payment

☐ **I am paying by check.** Make checks payable to UMass Boston. If you are registering by mail, send this form along with your check to: UMass Boston CCDE, Box C, 100 Morrissey Boulevard, Boston, MA 02125-3393.

☐ **I am paying by credit card.** UMass Boston no longer accepts direct card payments, but you can pay your fees by credit card through SallieMae® (MasterCard, Discover, or American Express only). A 2.5% service fee will be charged by SallieMae for processing your payment. Instructions and links can be found at wiser.umb.edu.

☐ **I am paying in cash.** Once you have registered, you can make a cash payment at the Bursar's Office (Campus Center, 4th floor) M-Th 8:00am-4:30pm, F 8:00am-4:00pm.

☐ **I am using financial aid.**

☐ **Bill my account.** Bills will be sent to the mailing address entered above. For account status and payment information, visit wiser.umb.edu.

☐ **Third Party or Outside Agency** _____
(Attach documentation)

☐ **Other** _____

Please calculate fees below.

Course and Lab Fees (total)

Service Fees **$100**

($50 if taking only online courses)

Subtotal

Records Fee*

Late Registration Fee**

Total

*$6; required of non-matriculated students
**$25 if applicable; see "When to Register," page 3.

Winter 2008 & Summer 2008

INTERNATIONAL PROGRAMS:

Study the World Up Close

Why not spend a few weeks exploring a far-off place—and earn up to six credits towards your degree?

Each winter and summer session, UMass Boston offers students the chance to participate in programs that span the globe. These adventurous programs, ranging in length from two to five weeks, weave together an array of unique sensations, cultures, people, politics, histories, languages, arts, and archaeological treasures. Surround yourself with the sights and sounds of other lands while a highly experienced UMass Boston professor guides you along the way.

The Americas

- Field School in Prehistoric Archaeology in Belize
- Caribbean Studies Summer Institute: History, Culture and Society: Puerto Rico and the Virgin Islands
- Jamaica Today
- Mexico Today: Politics and Society
- Spanish Language and Culture - Cuernavaca, Mexico

Asia

- China Today
- Entrepreneurship in China and the US - For MBA Candidates

Europe

- Ireland Today
- The New Europe and the European Union - Amsterdam & Brussels
- Le Paris des Parisiens - A Workshop in Paris for Educators

Find Out More

For more information about our international programs, visit **ccde.umb.edu/international** or contact:

Susan Griffin
617.287.7278
susan.griffin@umb.edu

UMASS BOSTON

University of Massachusetts Boston

University of Massachusetts Boston
Division of Corporate, Continuing
and Distance Education
100 Morrissey Boulevard
Boston, MA 02125-3393